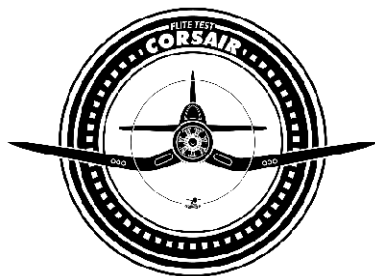




www.flitetest.com

# FT Corsair

Designed By: John Overstreet  
in collaboration with Flite Test  
Drawing By: Dan Sponholz  
Version: 1.0  
Date: 2019.03.09

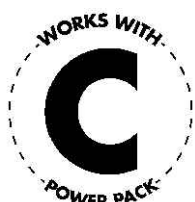


## GENERAL SPECIFICATIONS:

LENGTH:	30.75 in	781 mm
CG:	2.00 in	50.8 mm
WINGSPAN:	46.00 in	1168 mm
WING AREA:	355.5 in <sup>2</sup>	22.9 dm <sup>2</sup>
DRY WEIGHT:	26.0 oz.	737 g
ALL UP WEIGHT:	36.0 oz.	1020 g
WING LOADING:	14.6 oz/ft <sup>2</sup>	44.6 g/dm <sup>2</sup>
WCL:	9.3	
THROWS:	12°	
EXPO:	30%	
CHANNELS:	4 [THR   AIL   ELE   RUD]	

## RECOMMENDED ELECTRONICS:

MOTOR:	2218B 1080 kv
PROPELLER:	10 x 4.7
ESC:	35A min.
SERVOS:	4 x 9 g
BATTERY:	2200-2800 mAh 3S or 4S



## BUILD SKILL LEVEL:

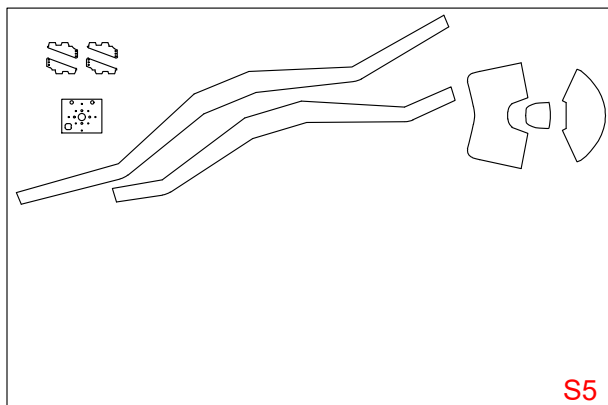
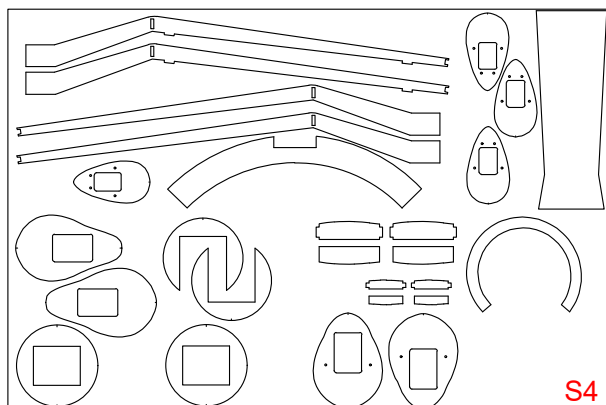
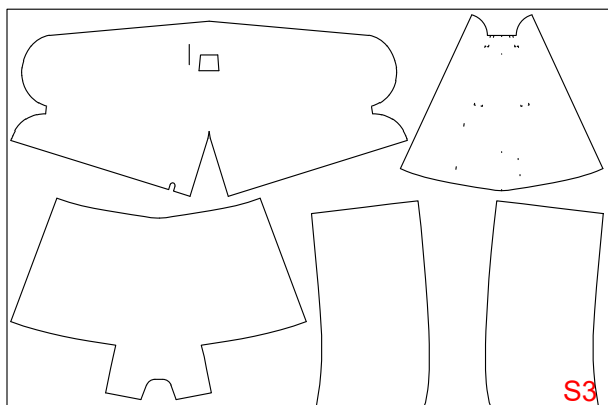
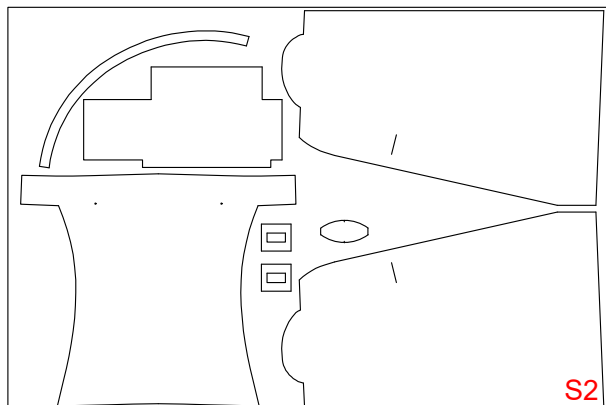
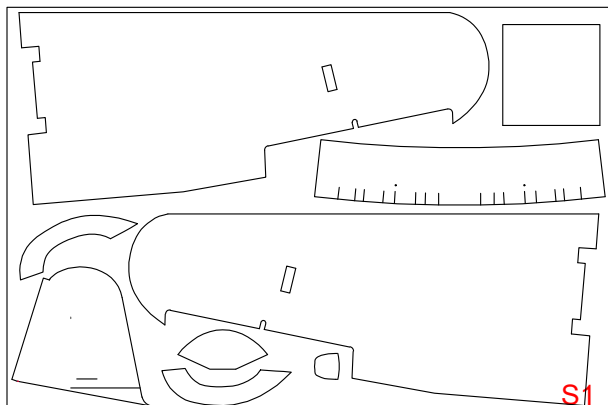


## PILOT SKILL LEVEL:



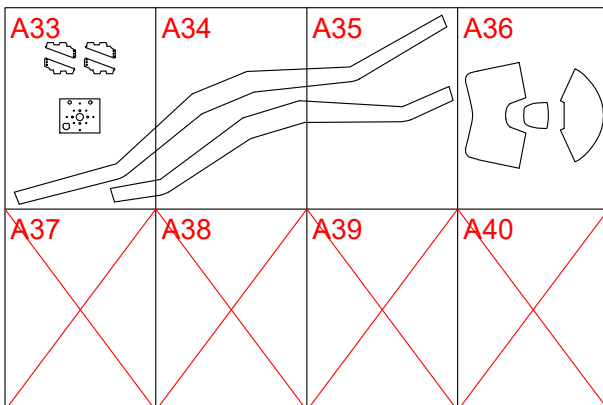
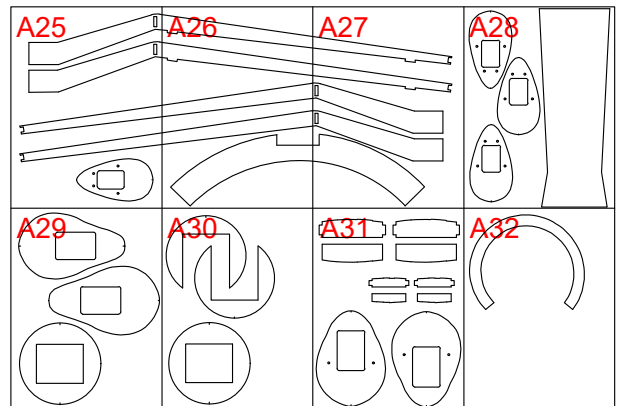
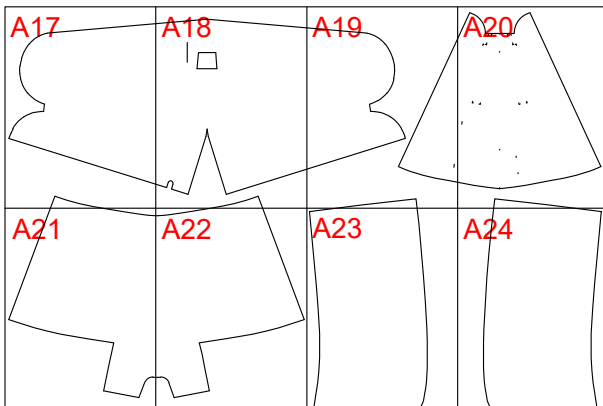
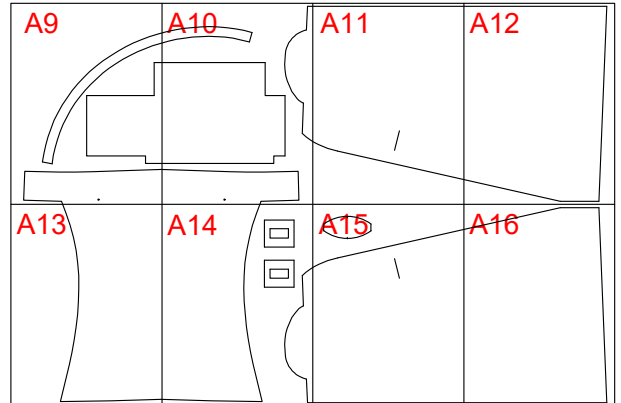
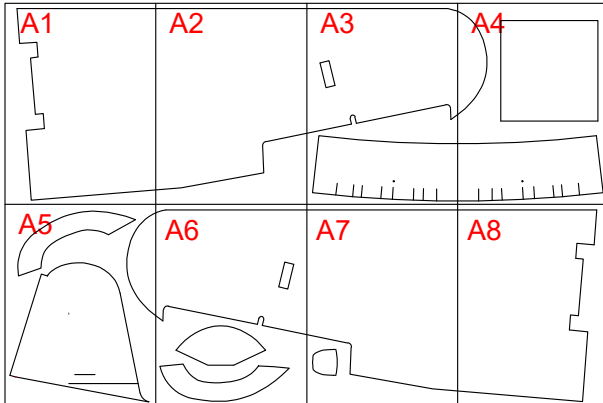


# FT Corsair: Full-Size Key



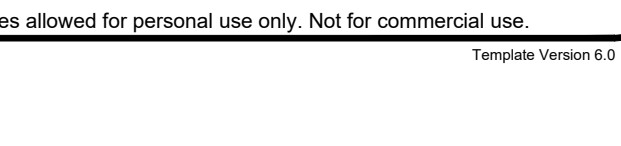
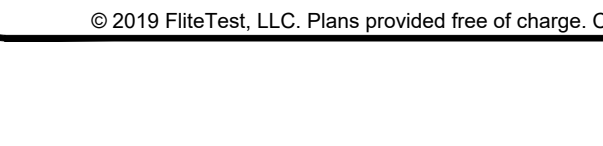
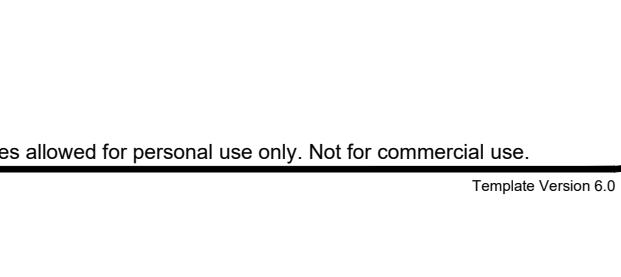
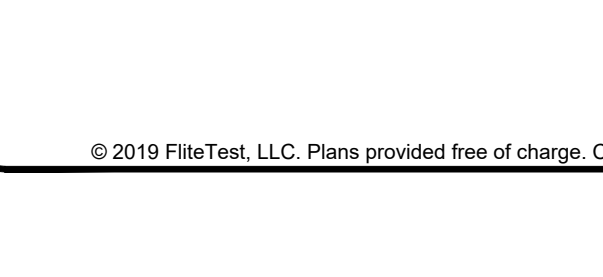
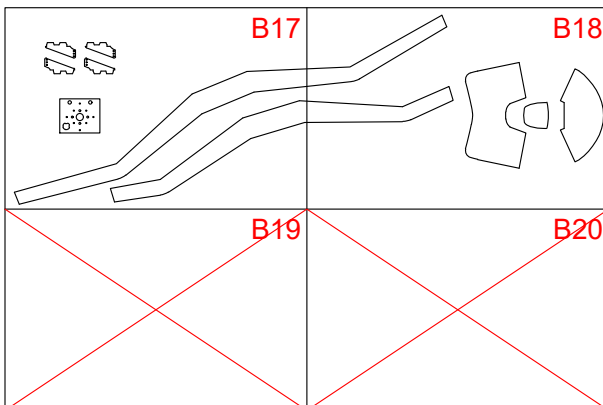
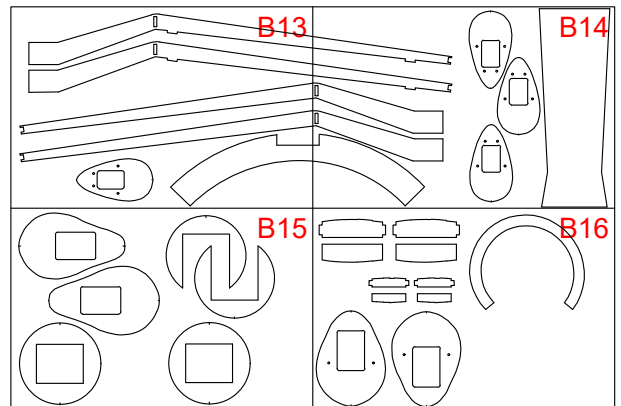
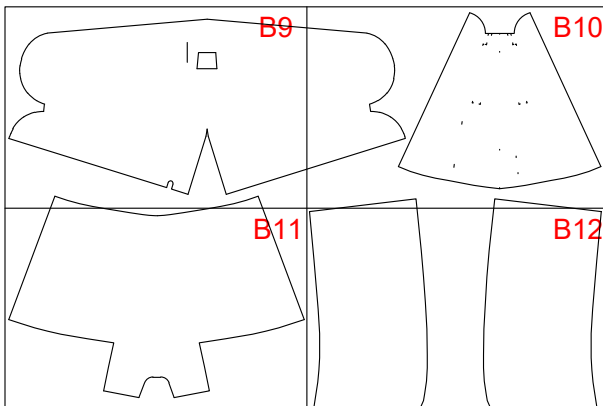
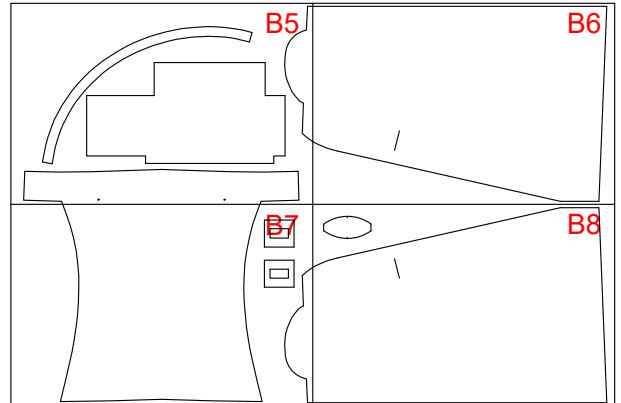
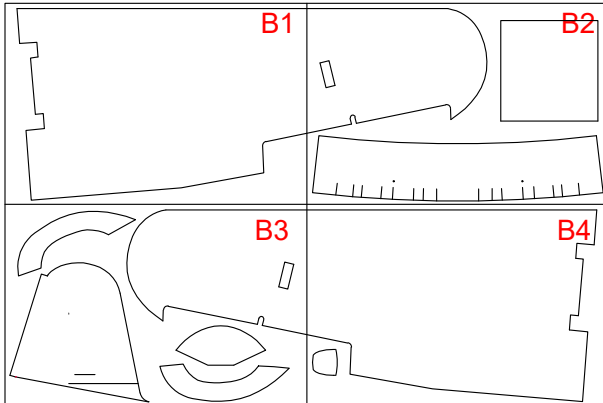


# FT Corsair: Tile A Key





# FT Corsair: Tile B Key

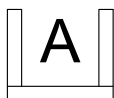




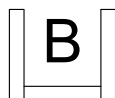
# Drawing Key



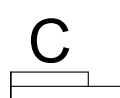
## FOLD TYPES



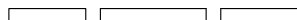
A



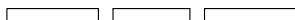
B



C



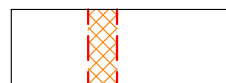
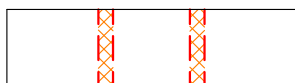
A - FOLD (ABOVE)



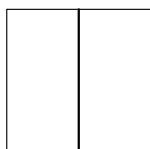
B - FOLD (BESIDE)



C - FOLD (COVER)



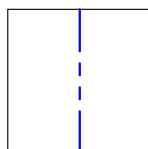
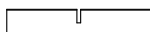
## LINE TYPE/COLOR



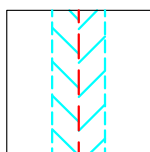
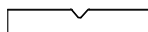
CUT



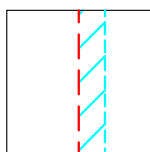
50% SCORE



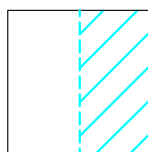
CREASE



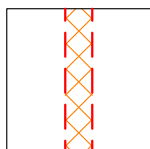
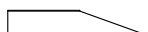
45° DOUBLE  
BEVEL



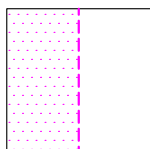
45° SINGLE  
BEVEL



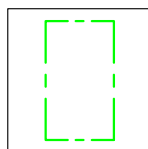
EDGE  
BEVEL



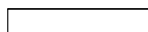
CAVITY



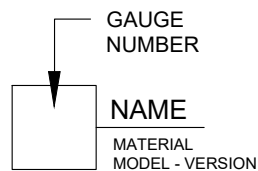
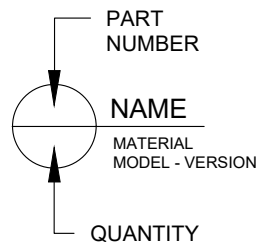
REMOVE  
PAPER



REFERENCE/  
OPTIONAL



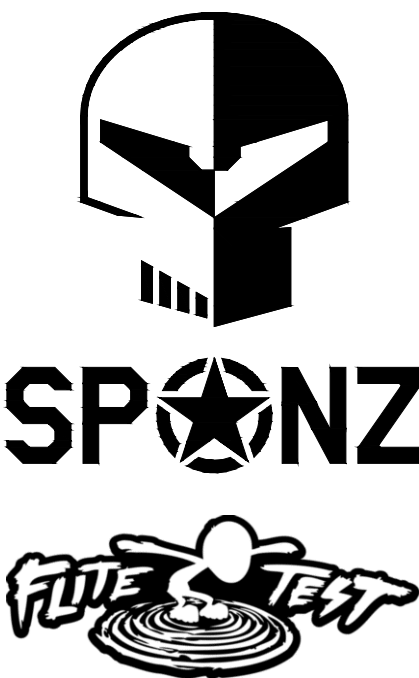
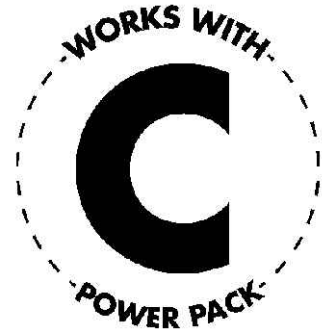
## SYMBOLS



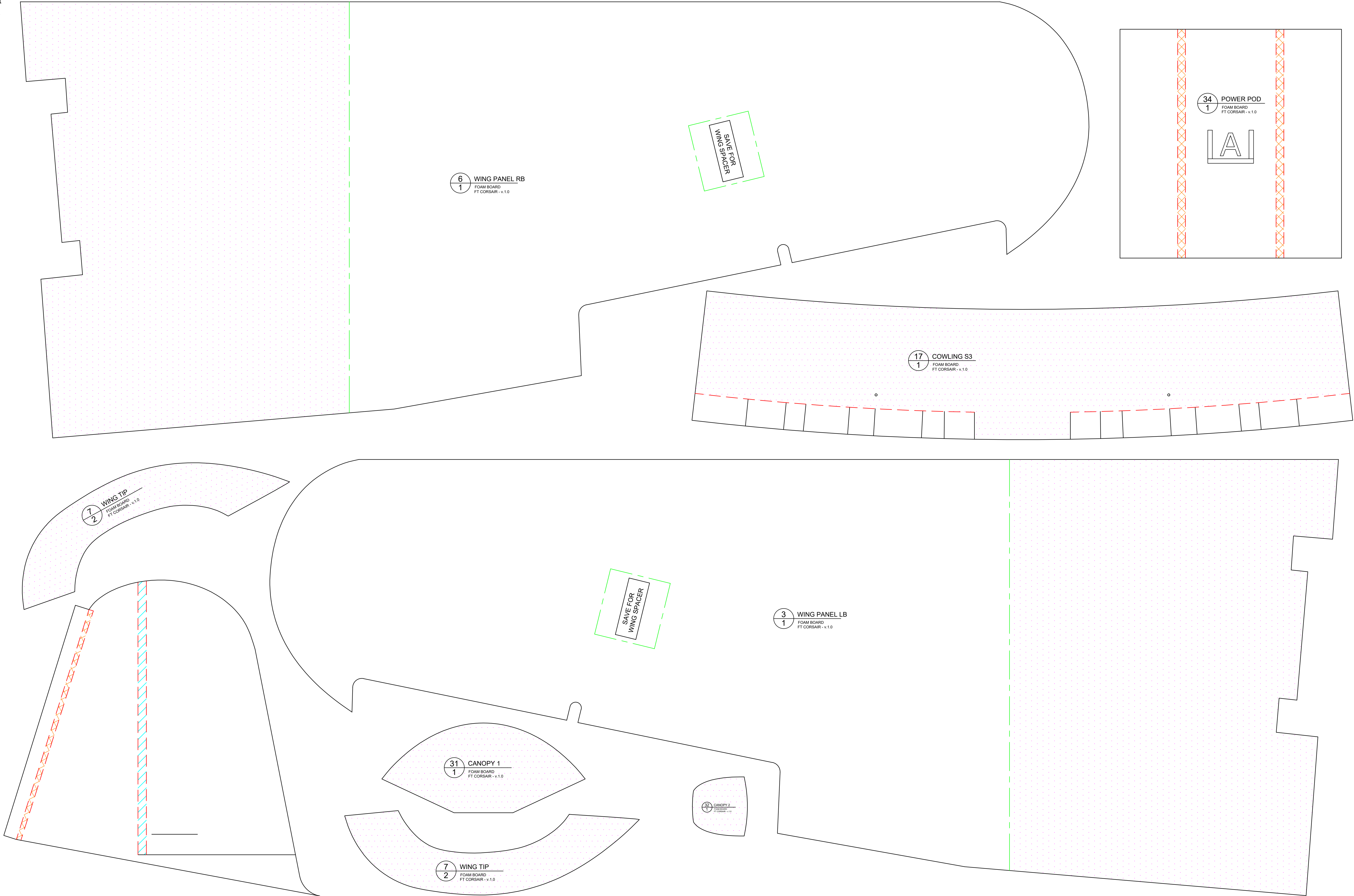
CENTER  
OF  
GRAVITY  
(CG)

FT Corsair

Designed By: John Overstreet  
in collaboration with Flite Test  
Drawing By: Dan Sponholz  
Version: 1.0  
Date: 2019.03.09



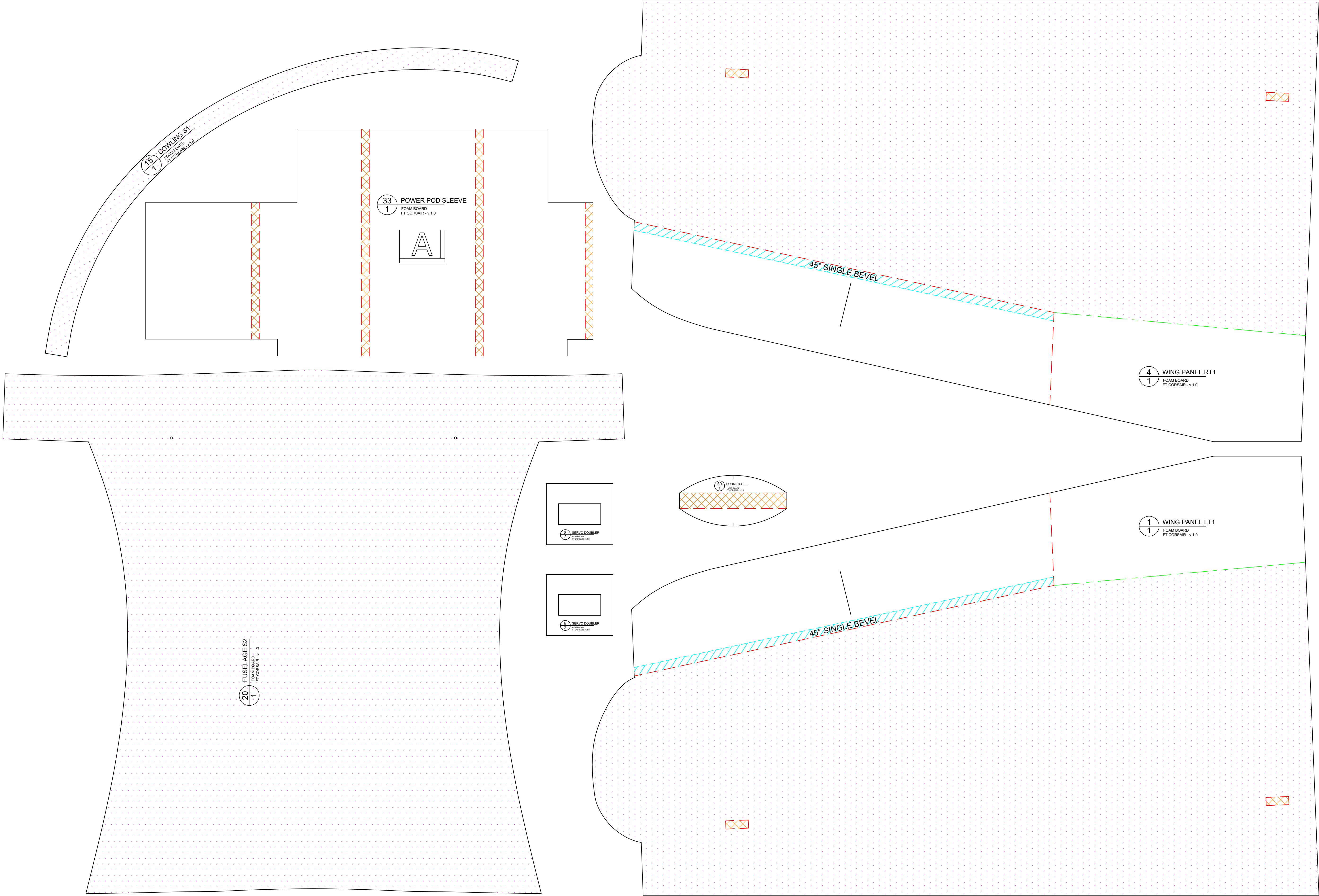
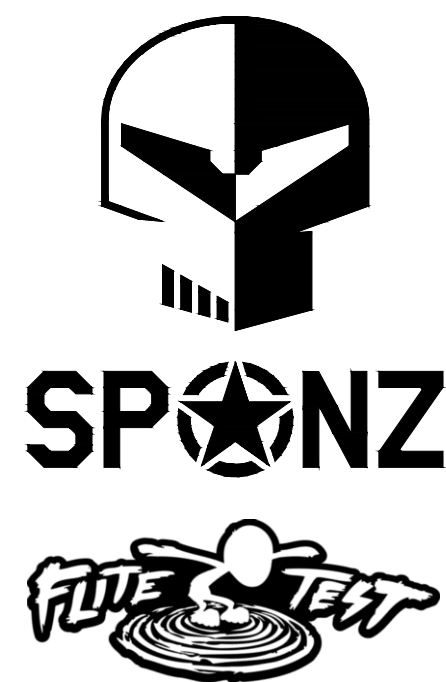
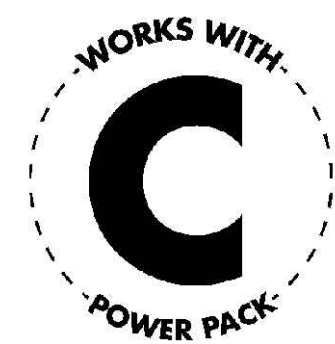
www.flitetest.com





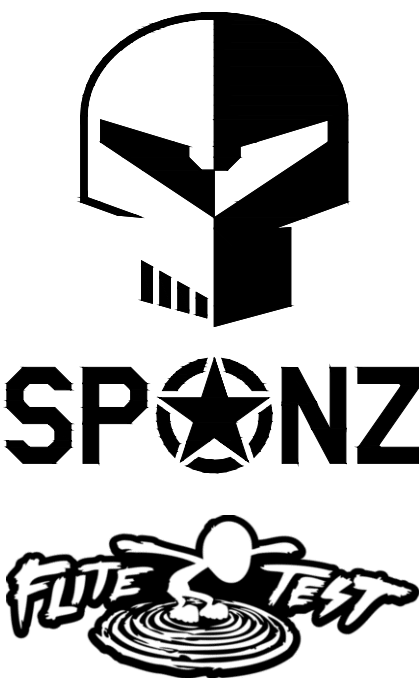
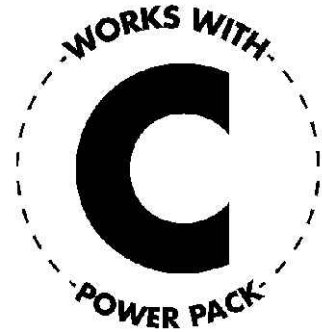
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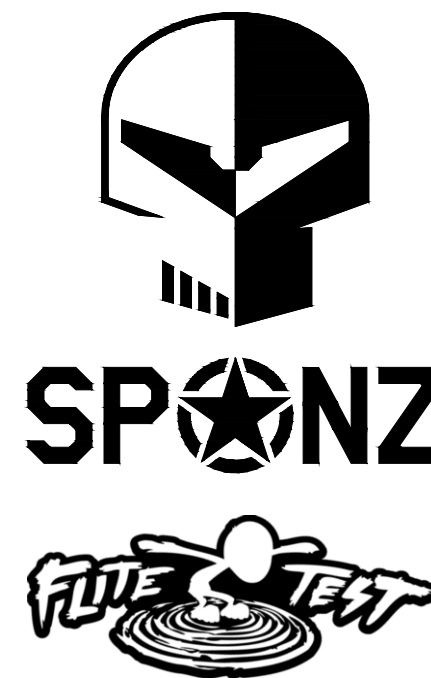
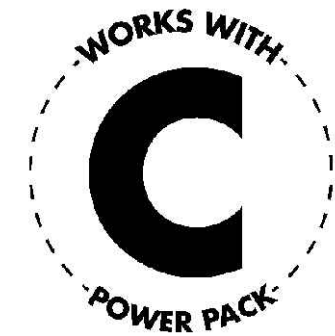
www.flitetest.com



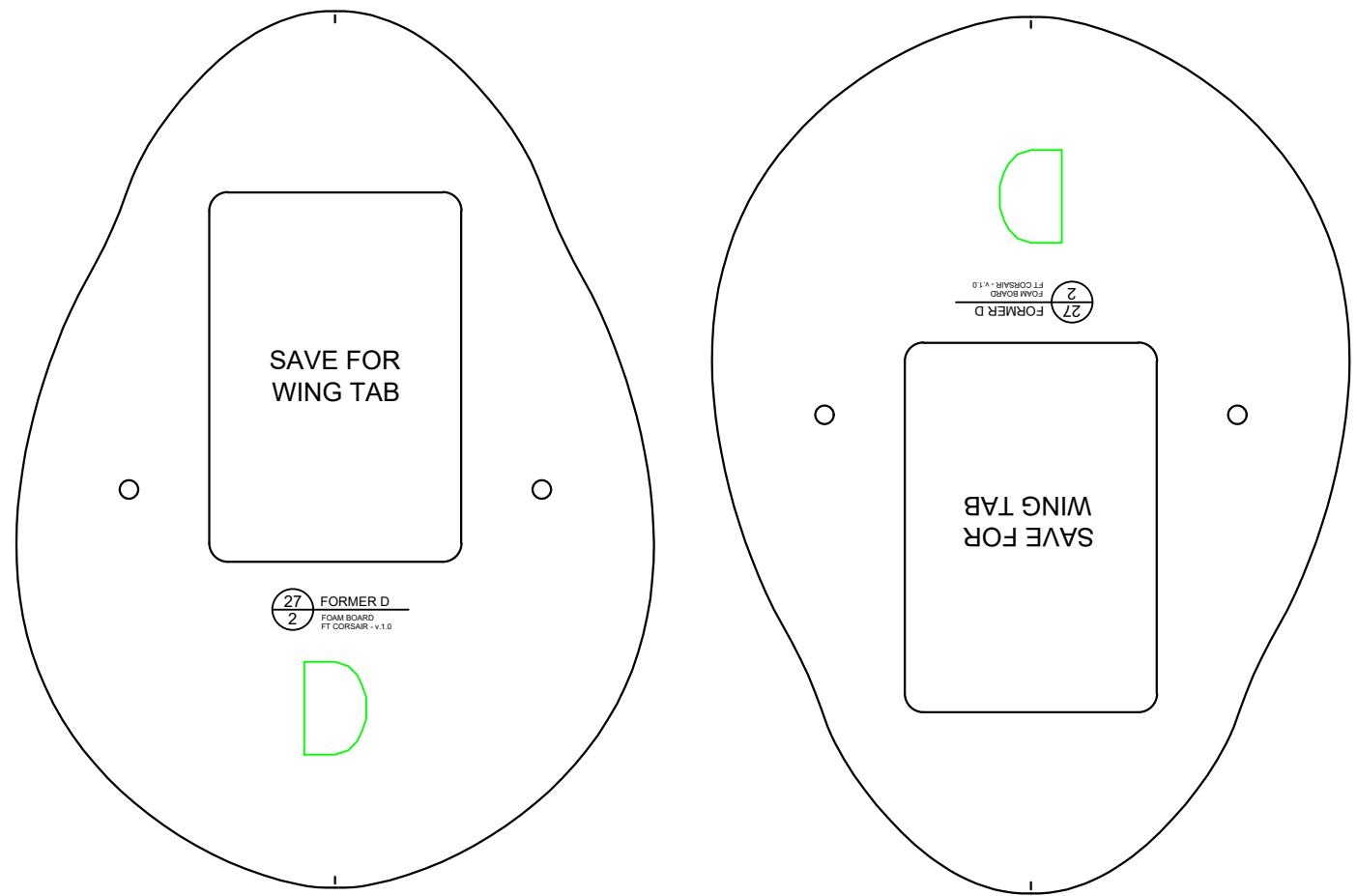
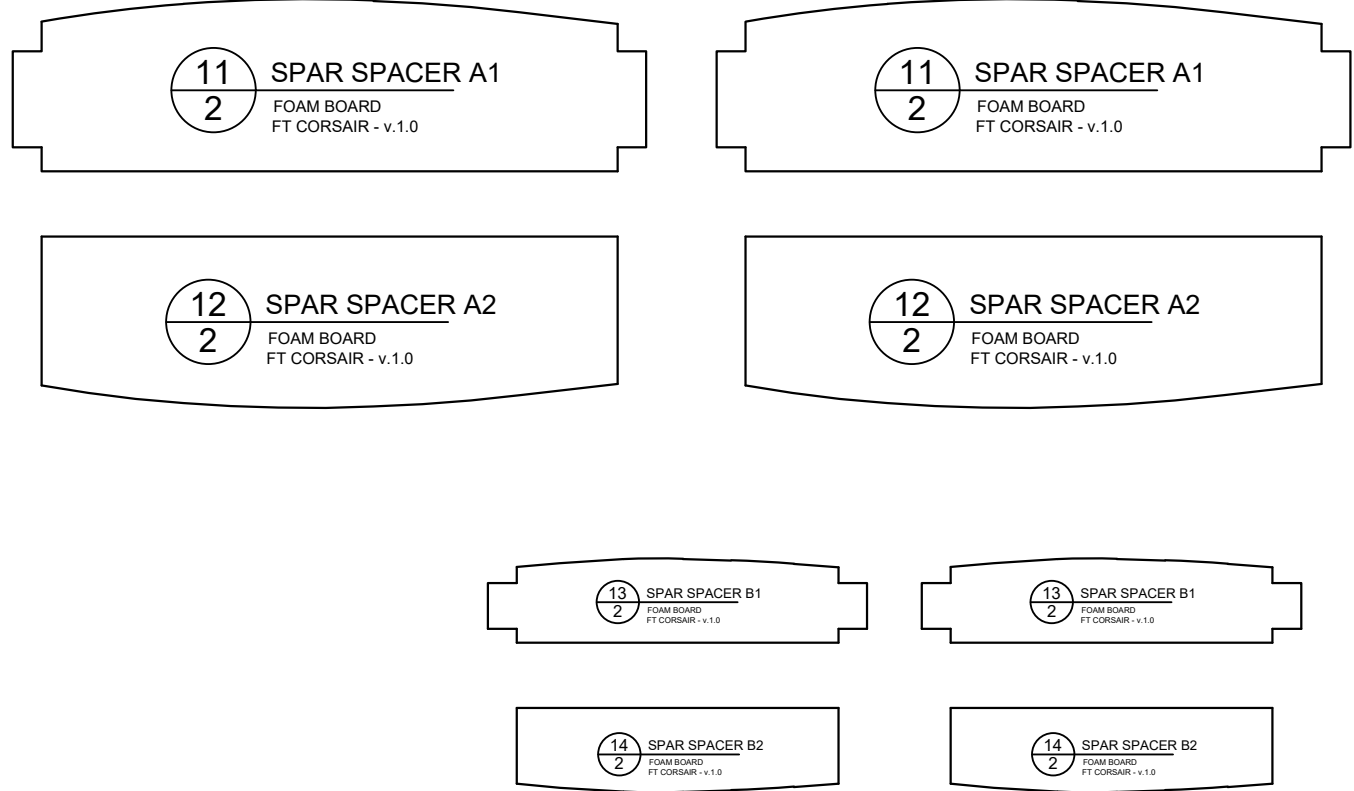
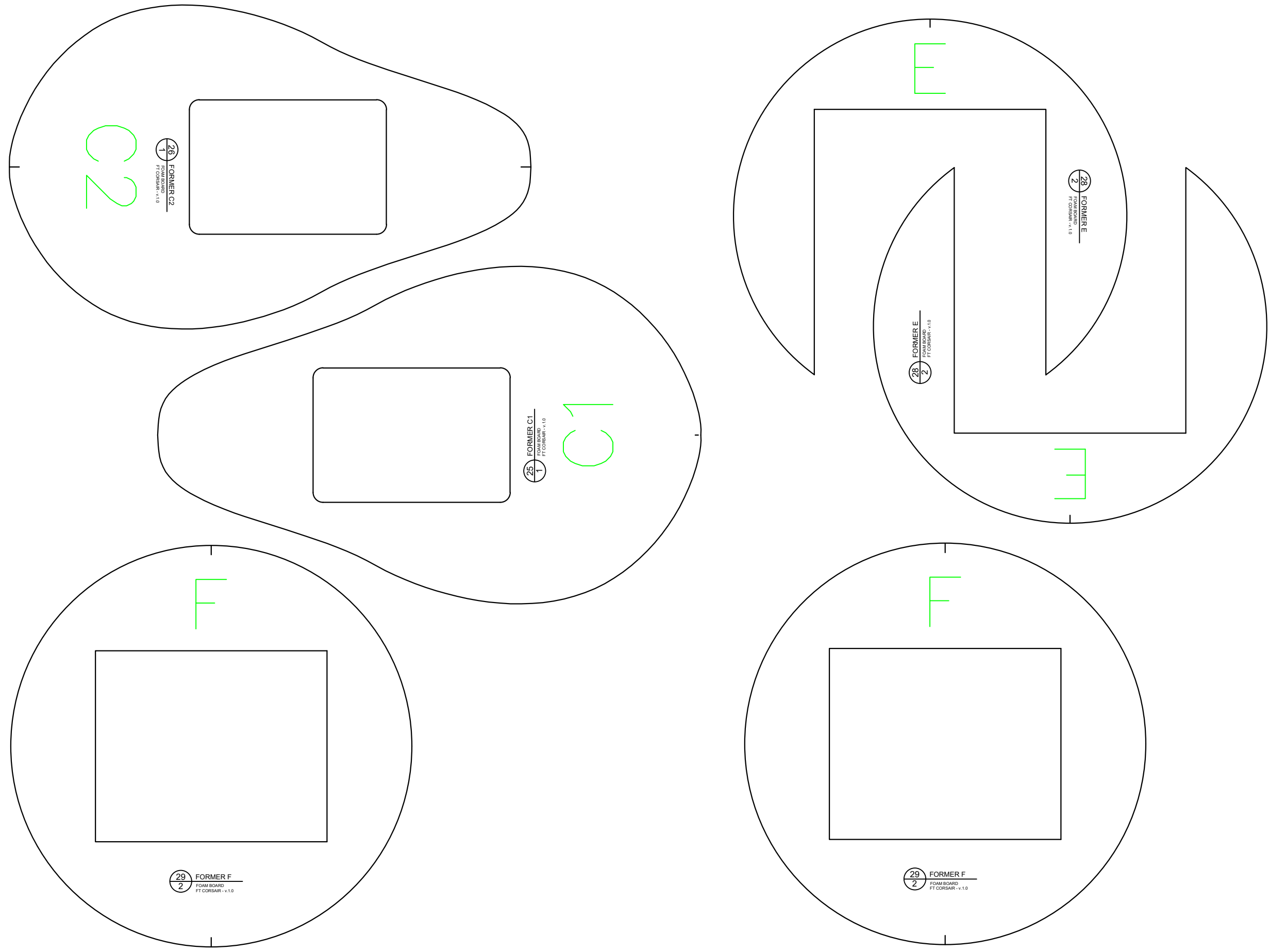
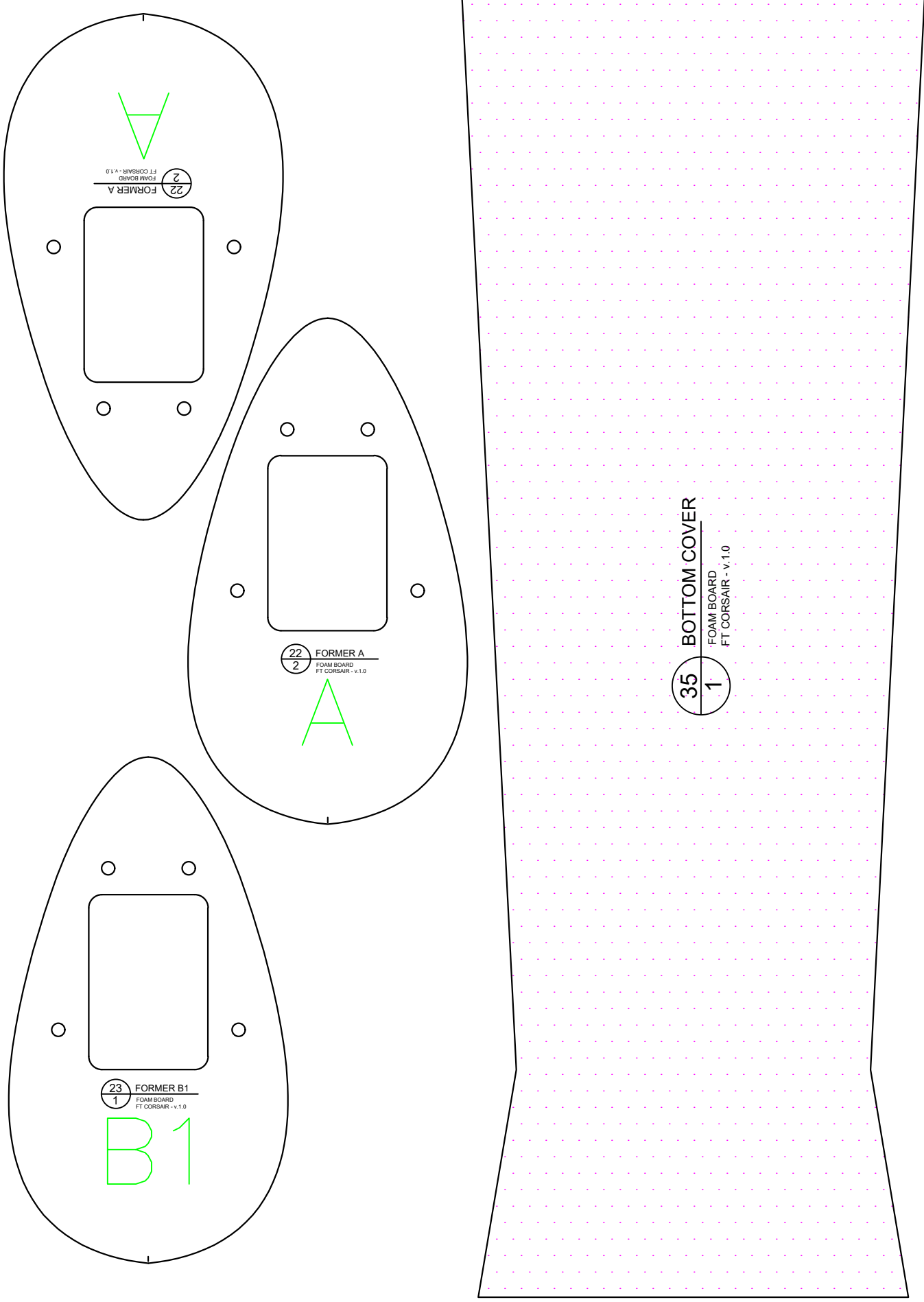
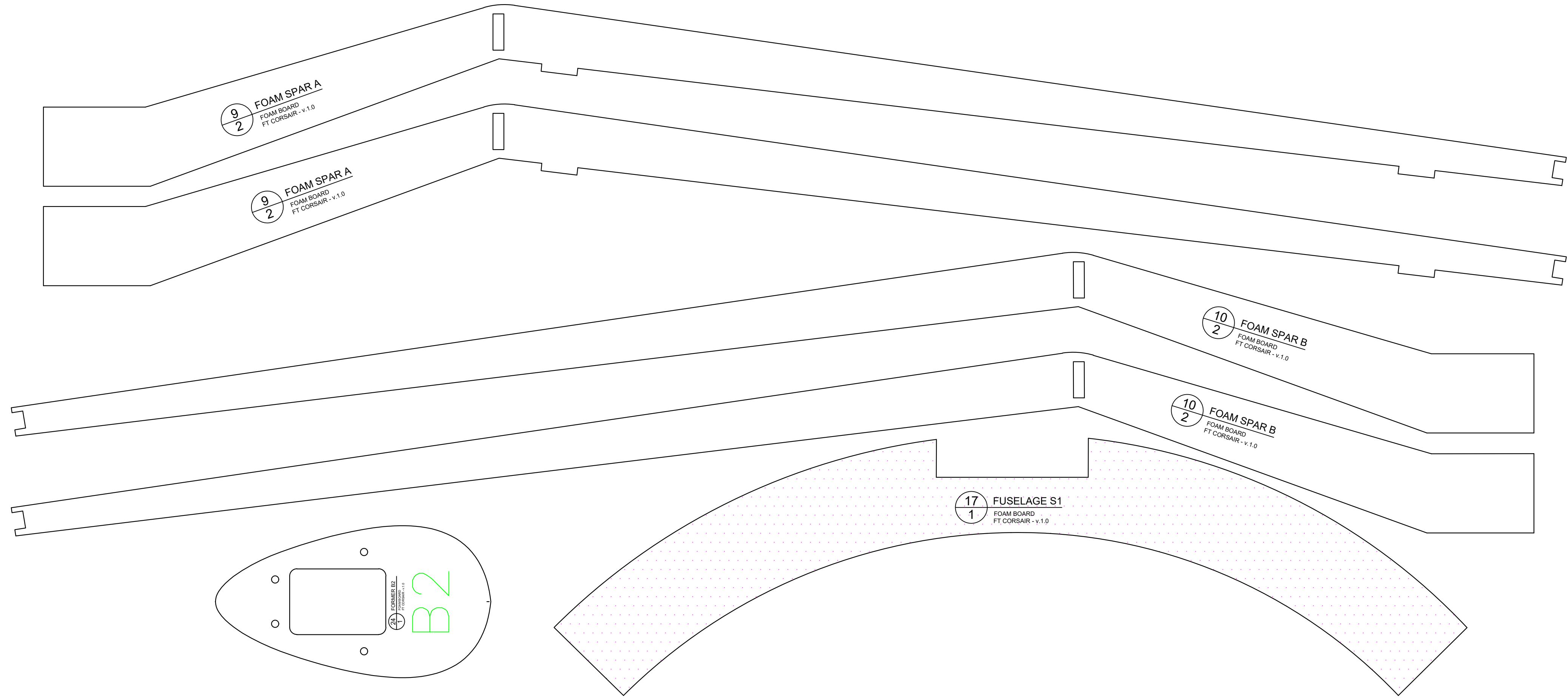


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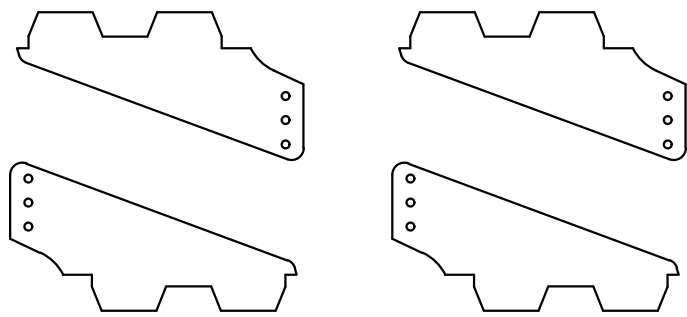
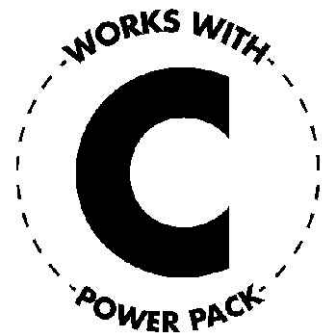


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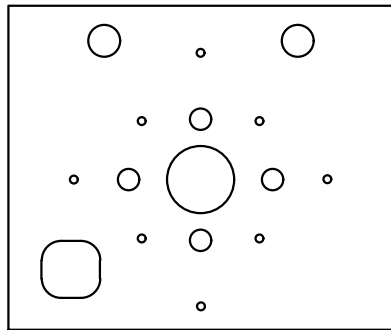


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Date: 2019.03.09



HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

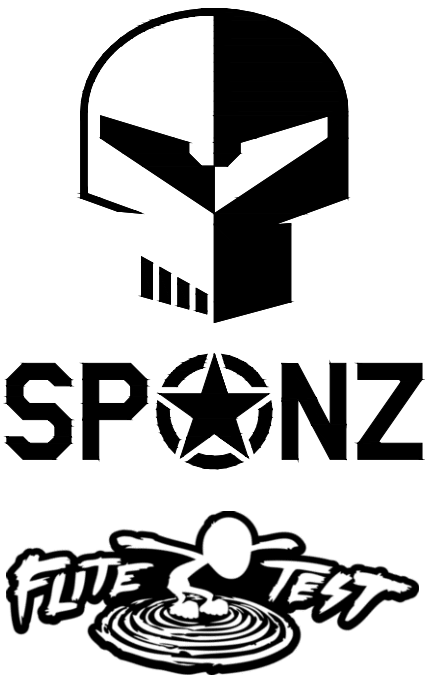
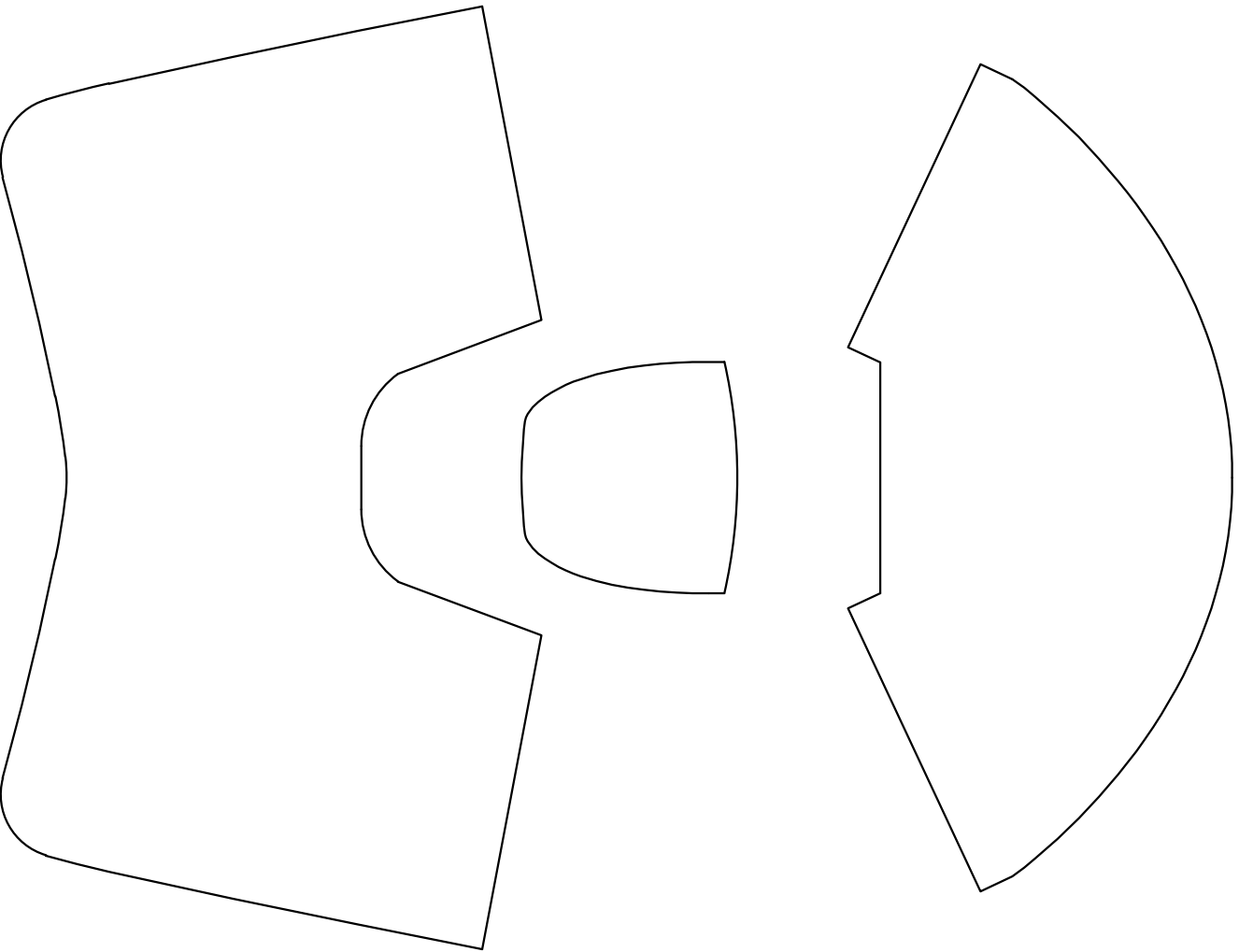


HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

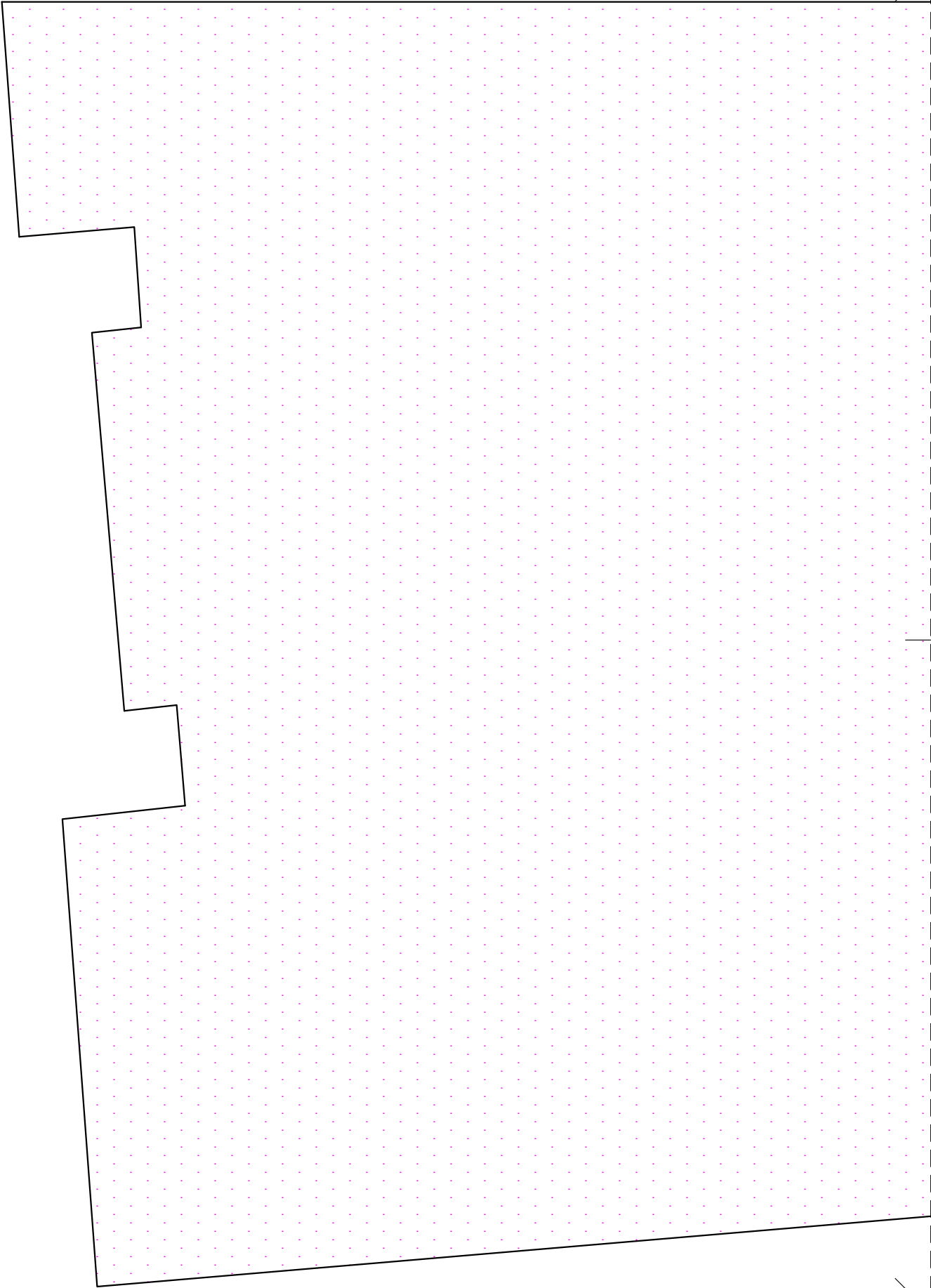
VINYL CANOPY DECALS



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IN  
CM

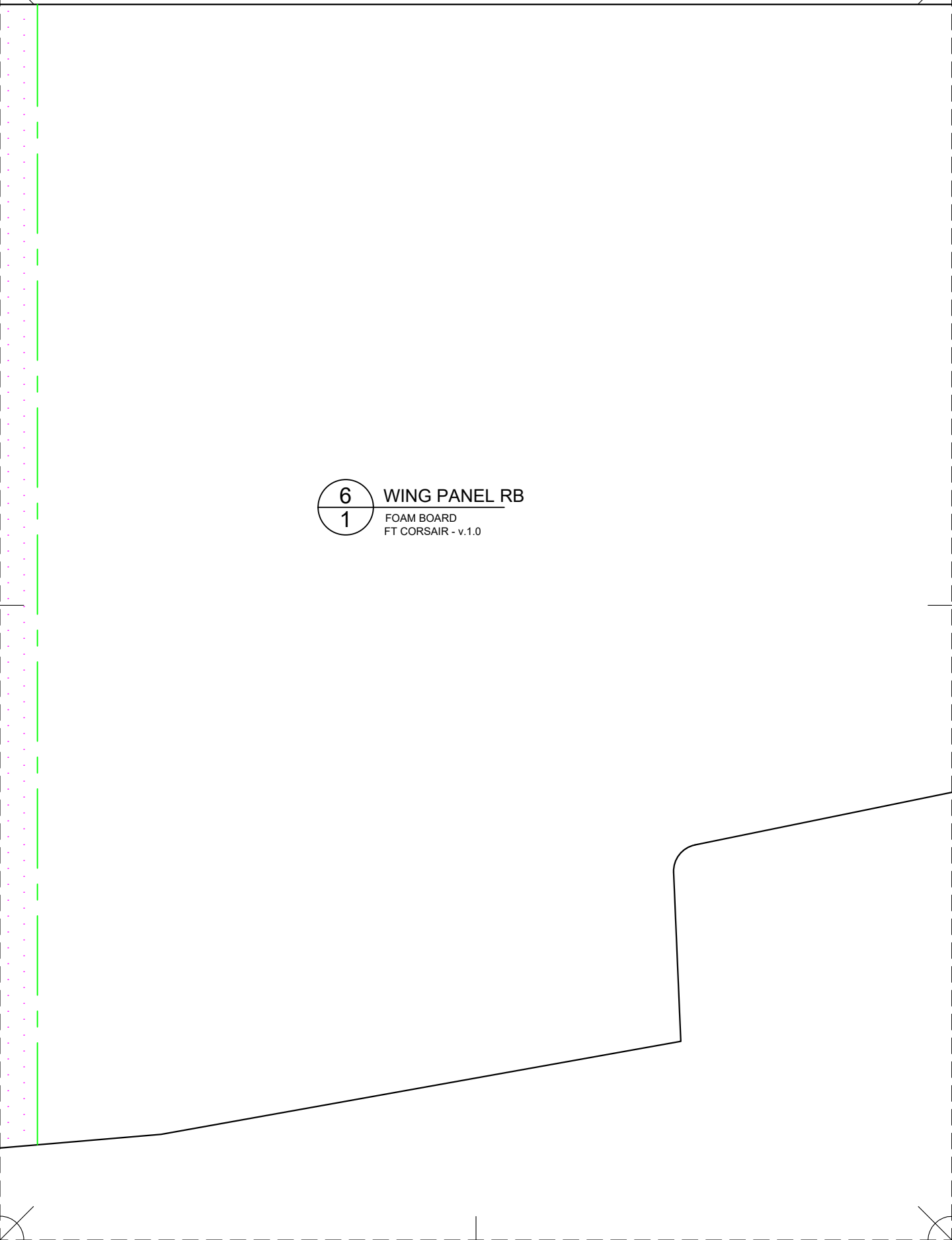




**6**  
**1**

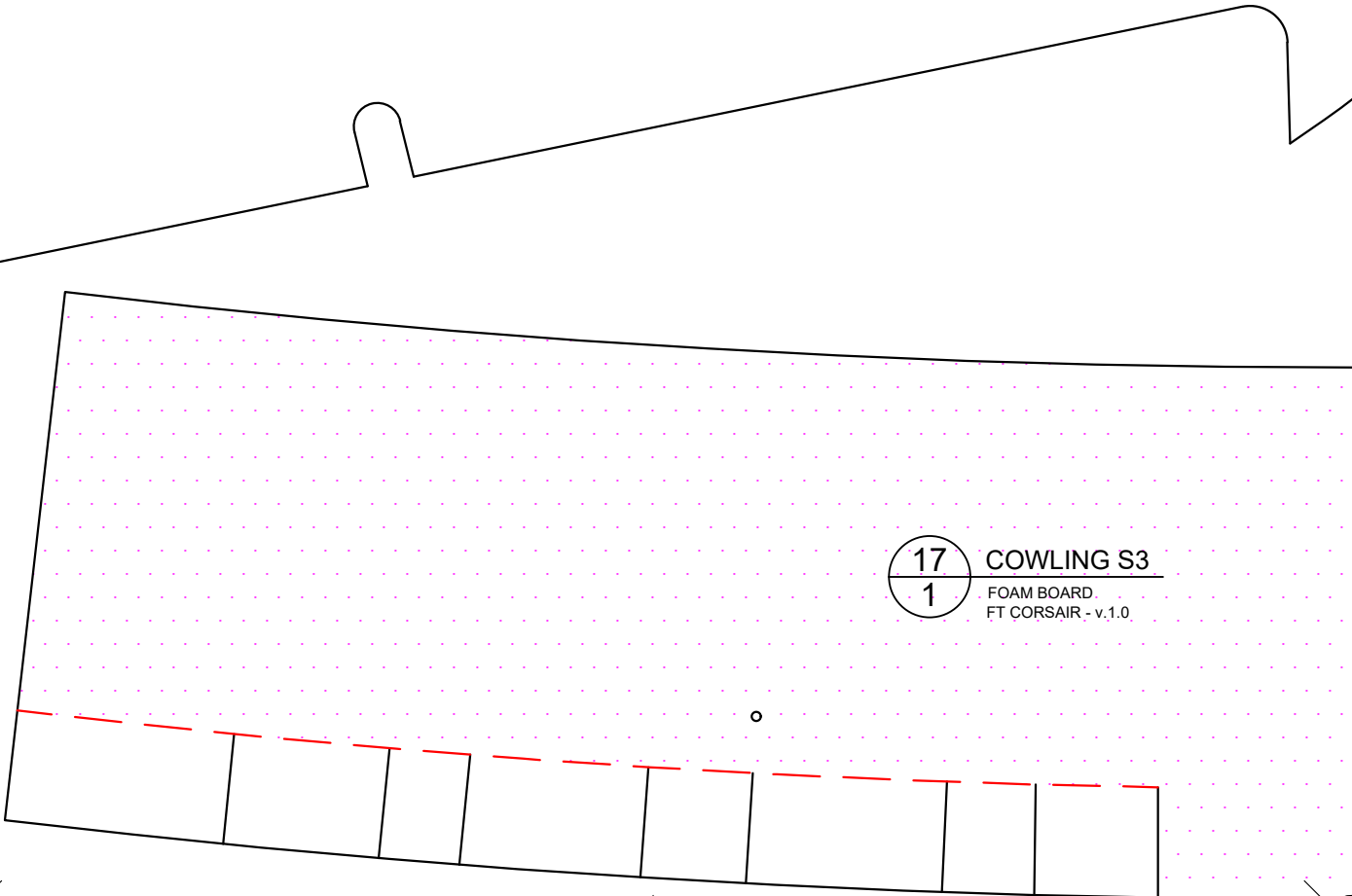
**WING PANEL RB**

FOAM BOARD  
FT CORSAIR - v.1.0





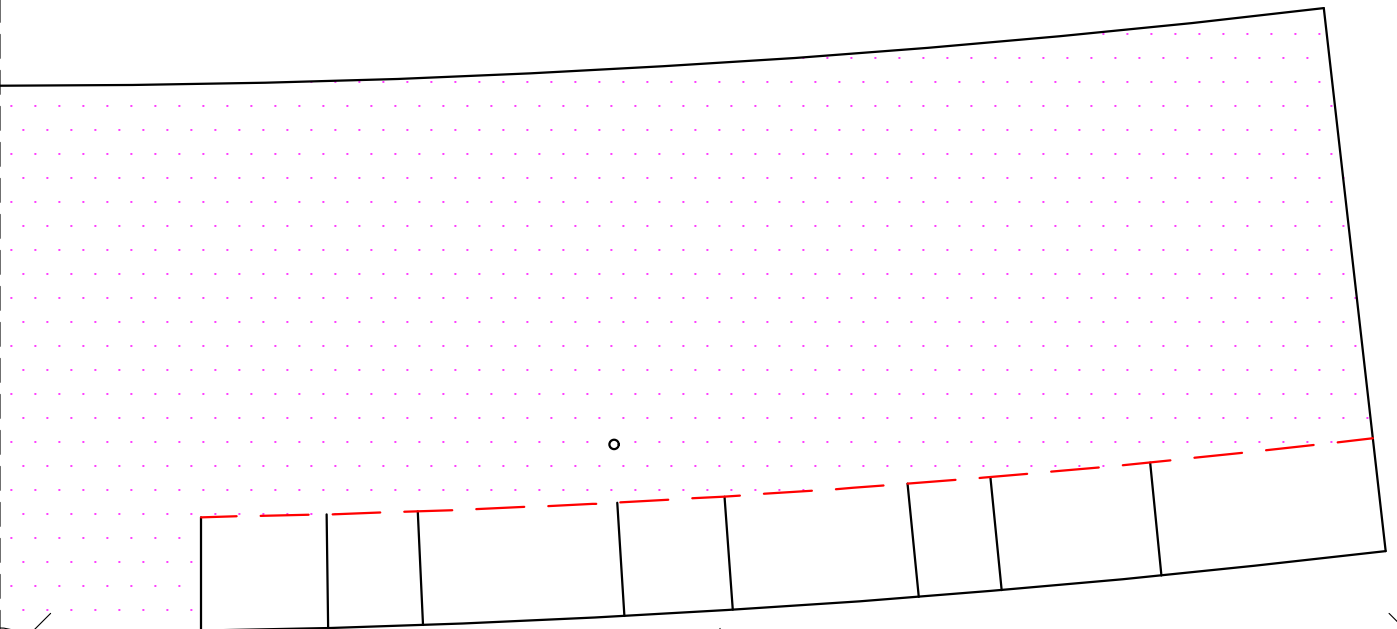
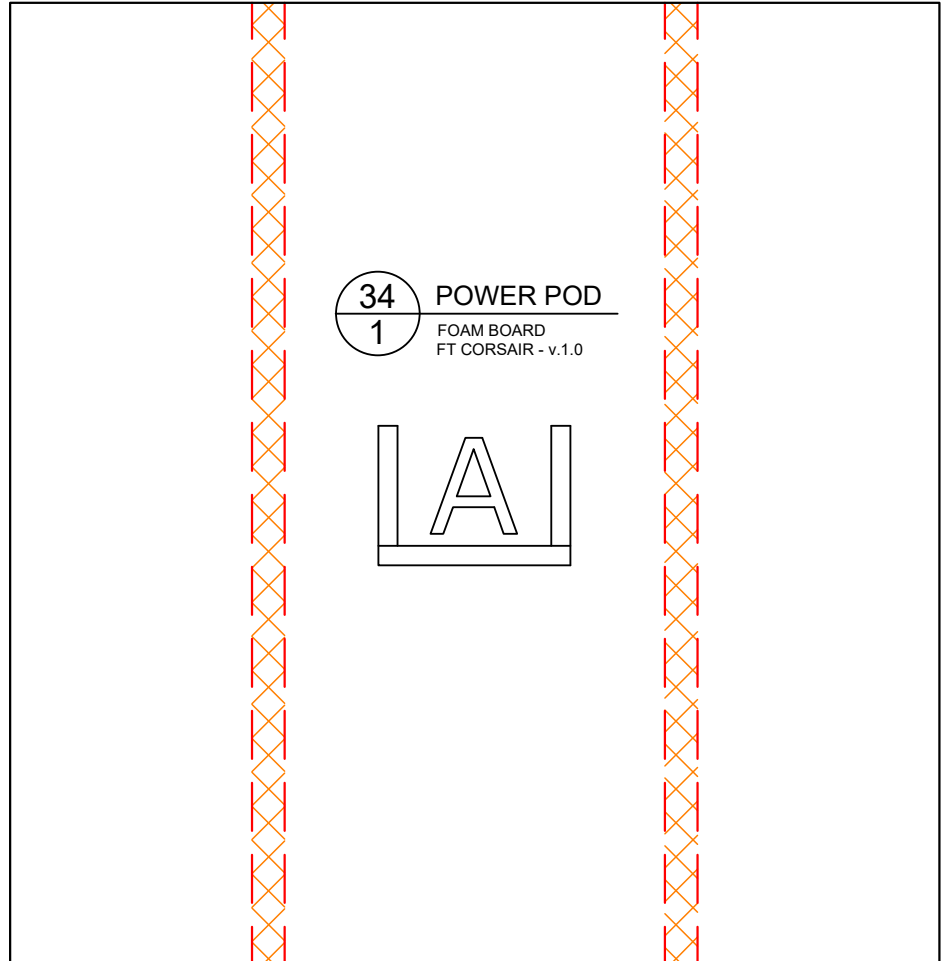
SAVE FOR  
WING SPACER



17  
1

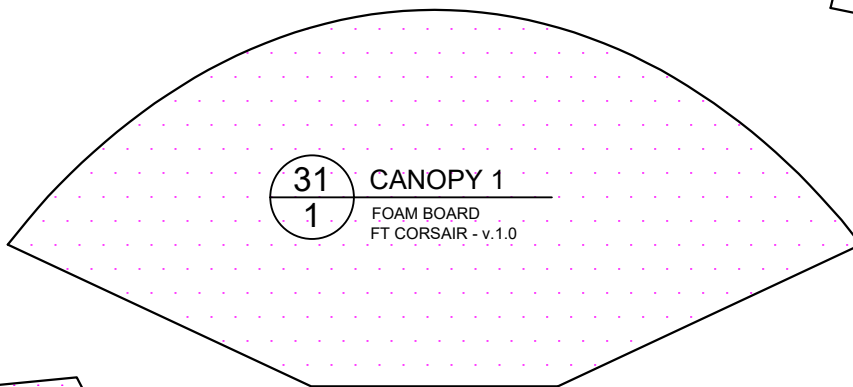
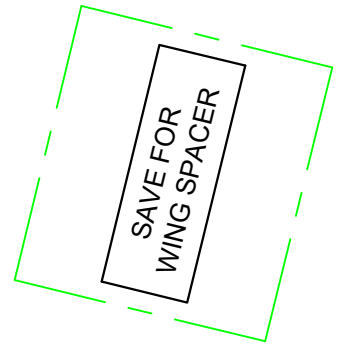
COWLING S3  
FOAM BOARD  
FT CORSAIR - v.1.0





1  
2

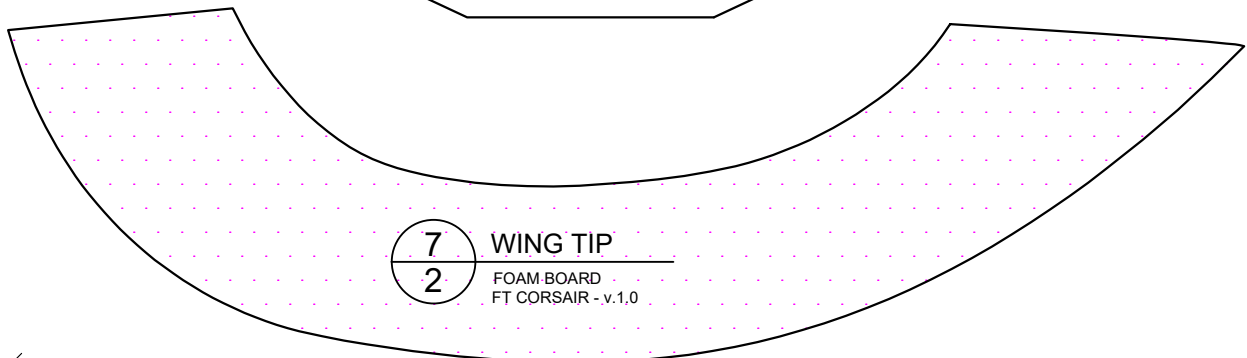
WING TIP  
FOAM BOARD  
FT CORSAIR - v.1.0



31  
1

CANOPY 1

FOAM BOARD  
FT CORSAIR - v.1.0



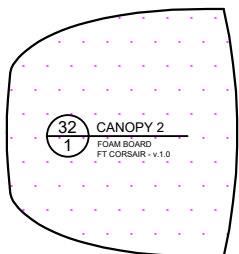
7  
2

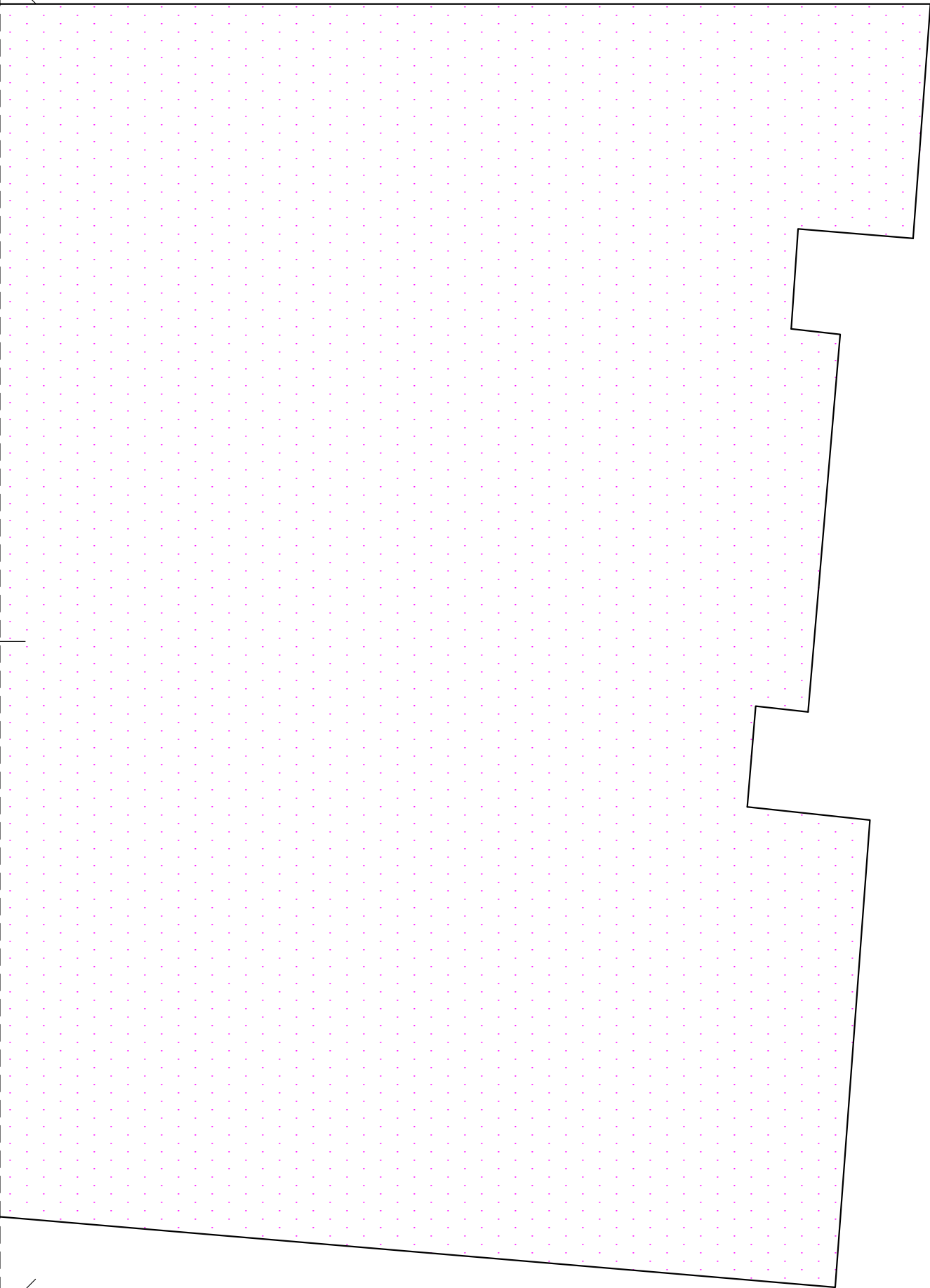
WING TIP

FOAM BOARD  
FT CORSAIR - v.1.0

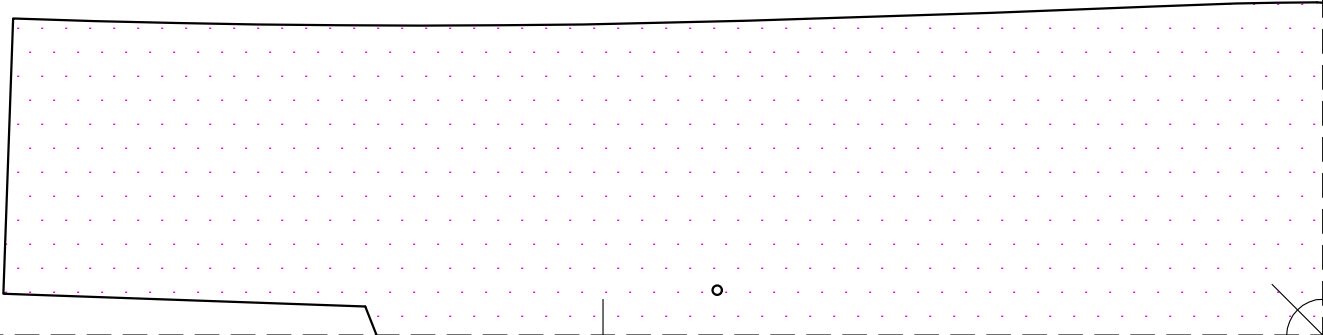
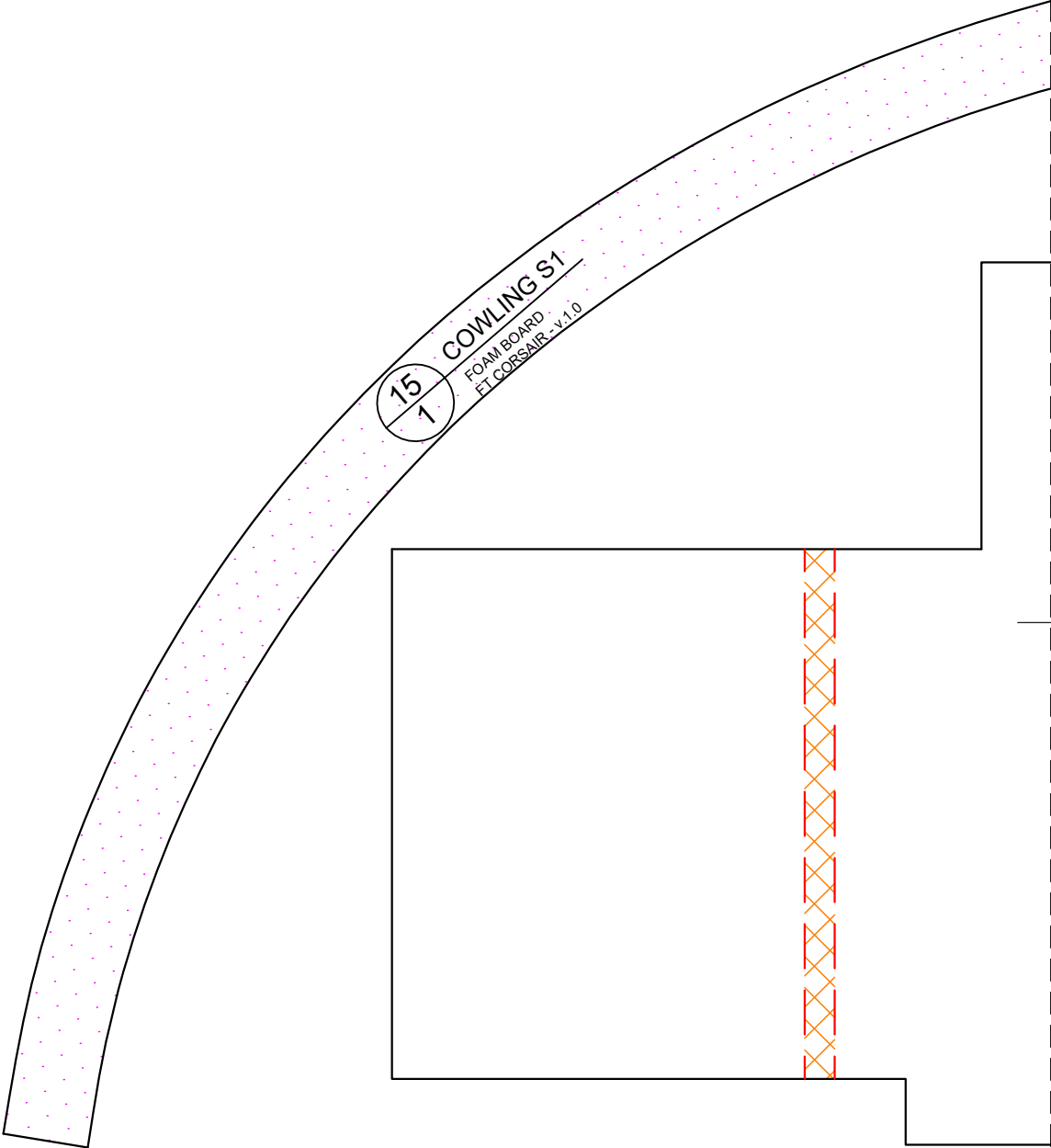


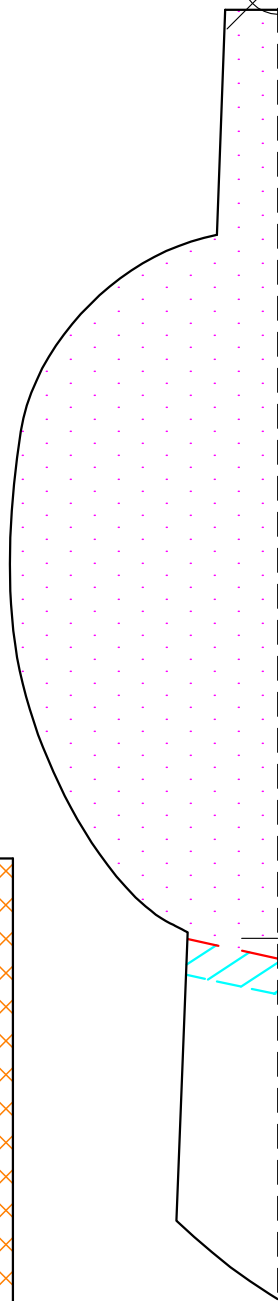
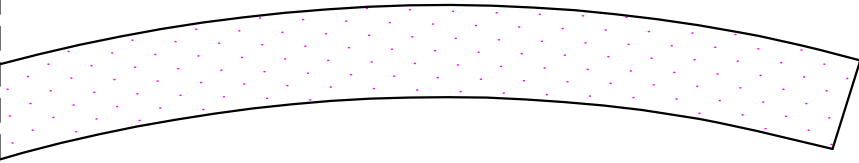
**3** WING PANEL LB  
**1** FOAM BOARD  
FT CORSAIR - v.1.0







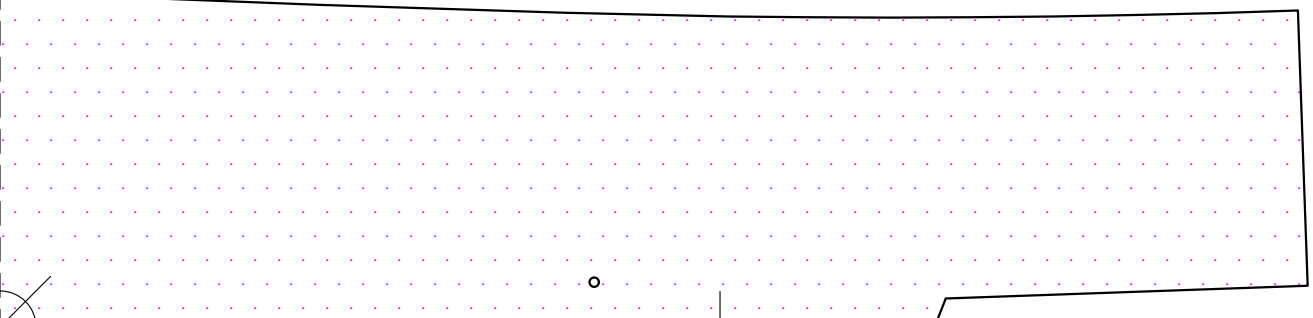




33  
1

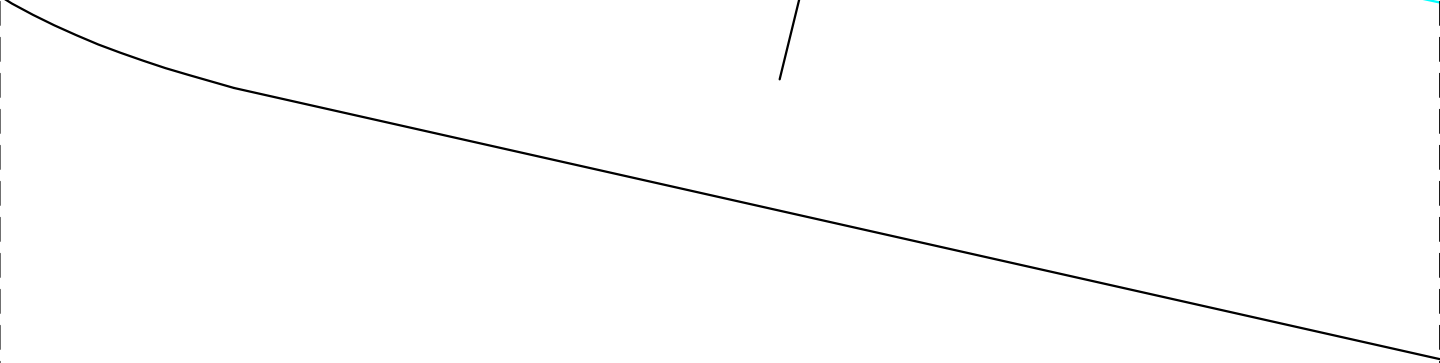
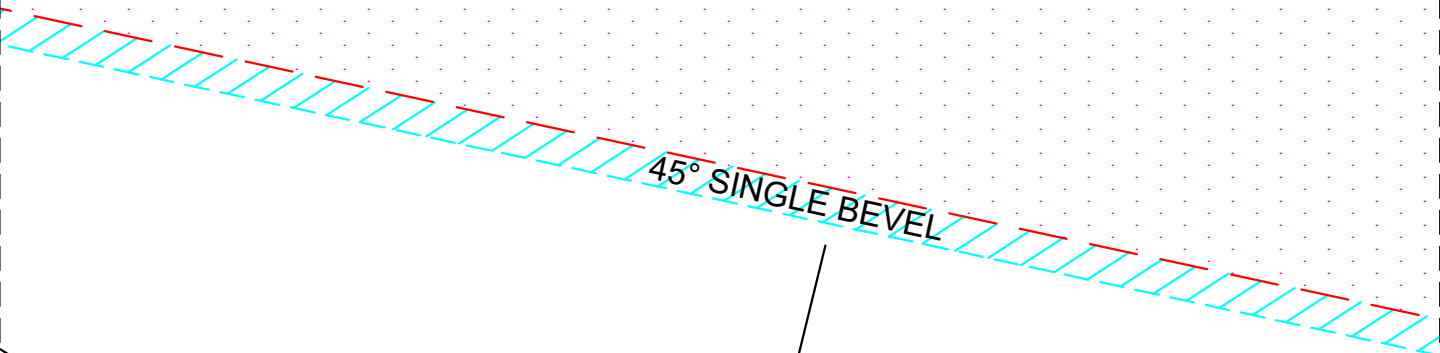
# POWER POD SLEEVE

FOAM BOARD  
FT CORSAIR - v.1.0



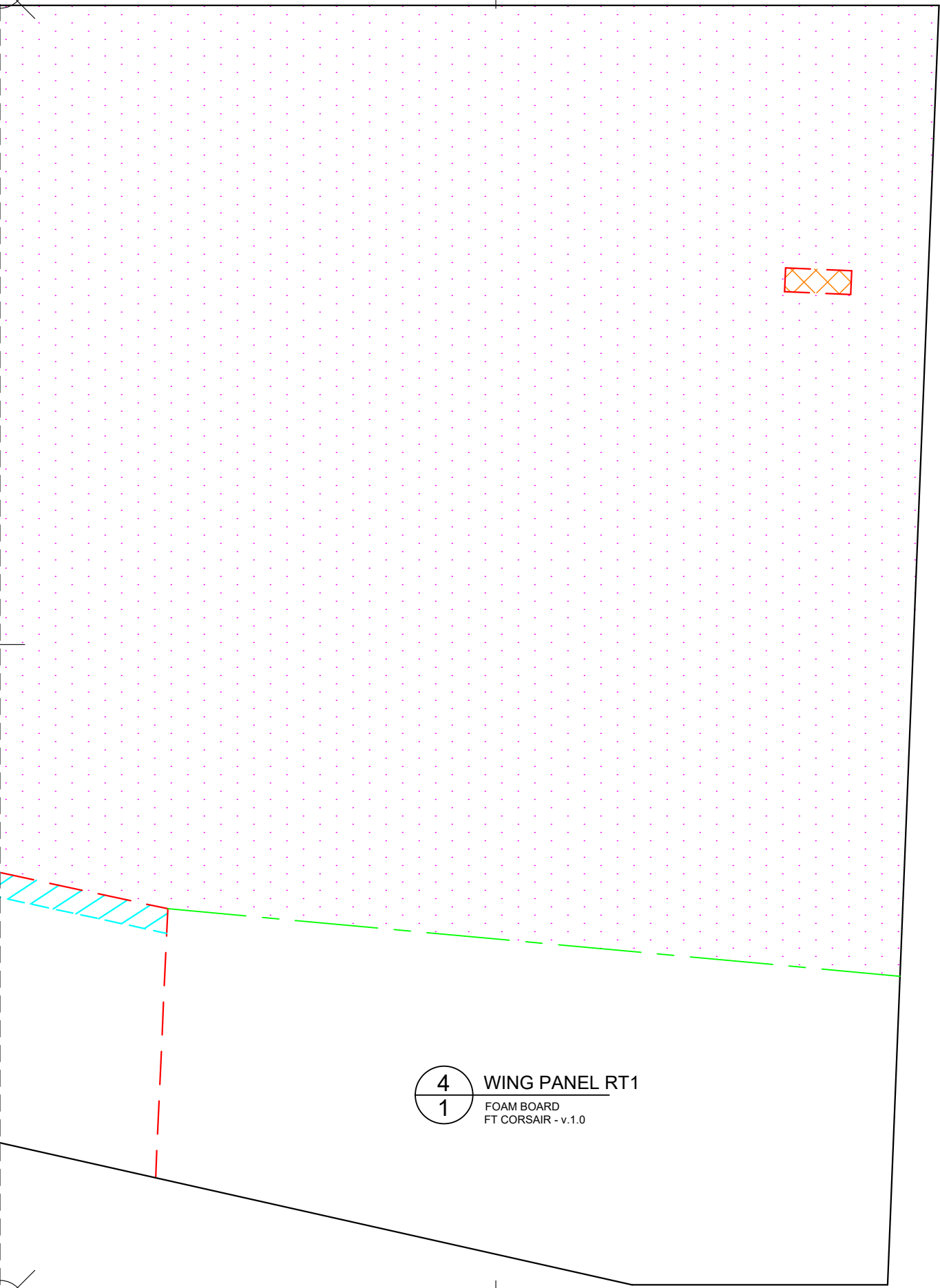


45° SINGLE BEVEL





IN  
CM



4  
1

WING PANEL RT1  
FOAM BOARD  
FT CORSAIR - v.1.0

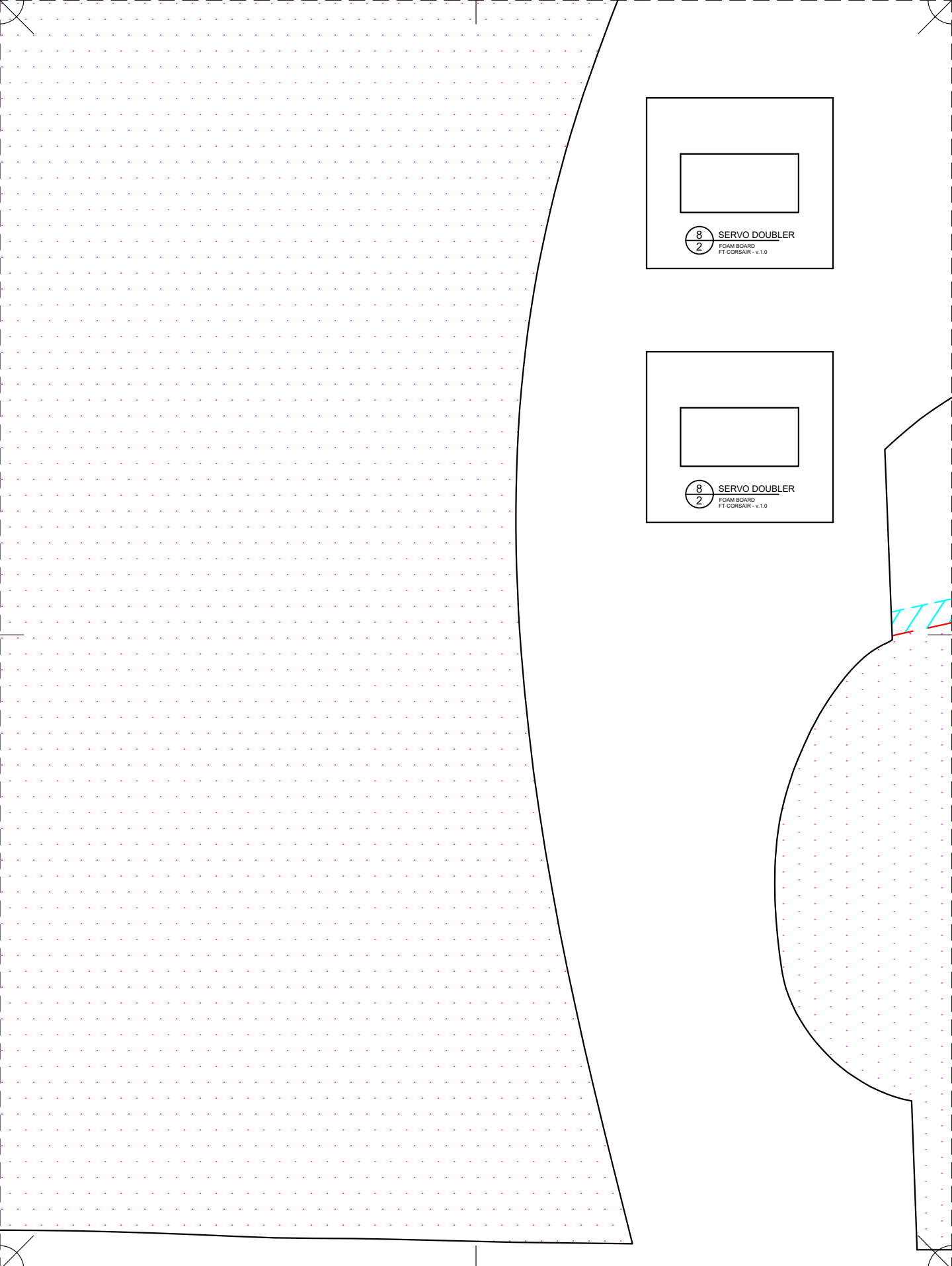


IN  
CM



20 FUSELAGE S2  
1 FOAM BOARD  
FT CORSAIR - v.1.0





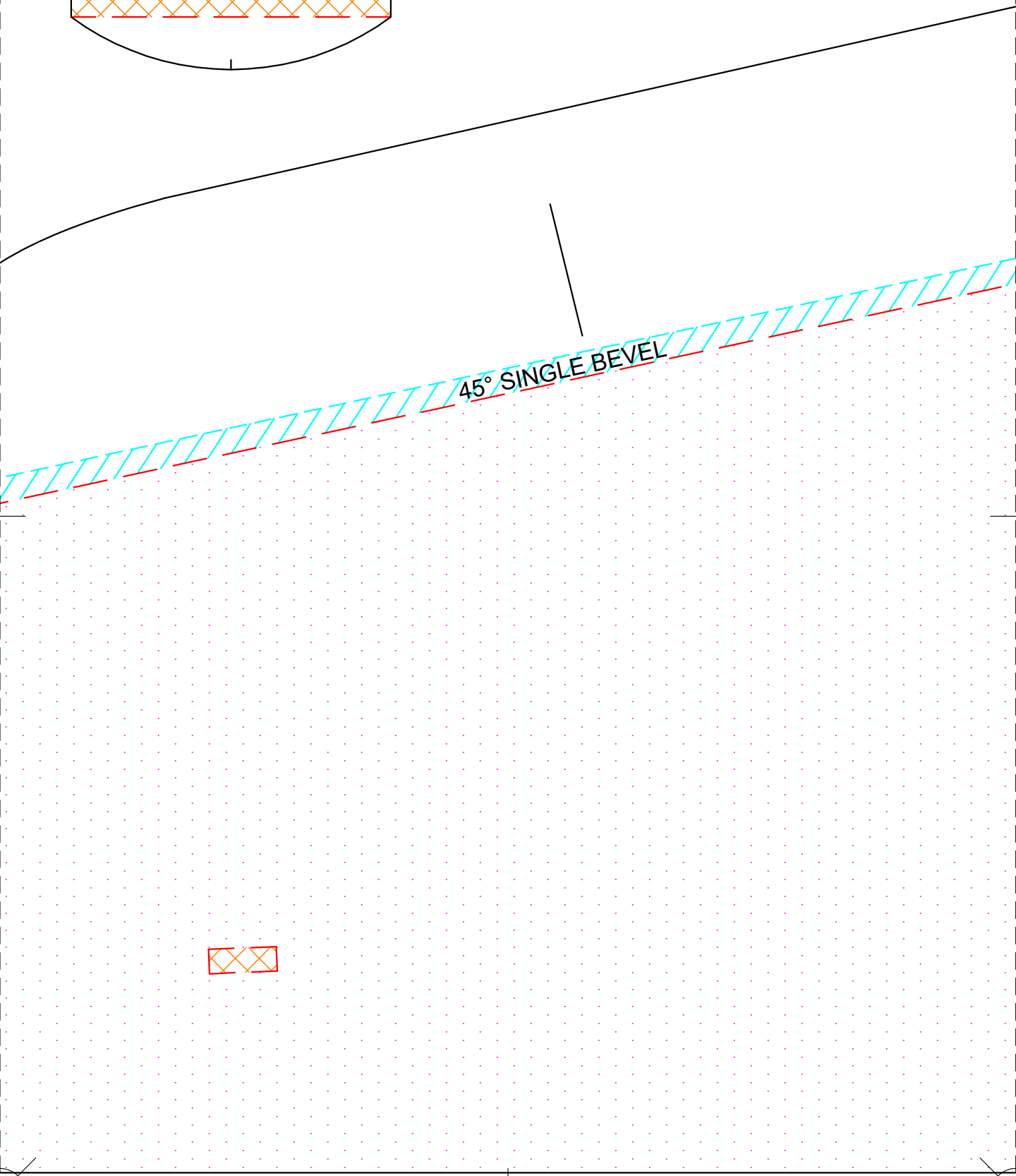
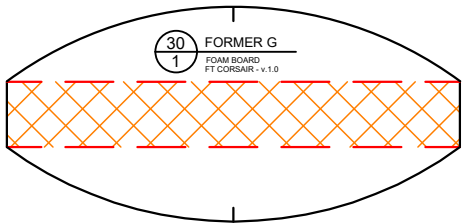
8  
2

SERVO DOUBLER  
FOAM BOARD  
FT CORSAIR - v1.0

8  
2

SERVO DOUBLER  
FOAM BOARD  
FT CORSAIR - v1.0

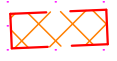






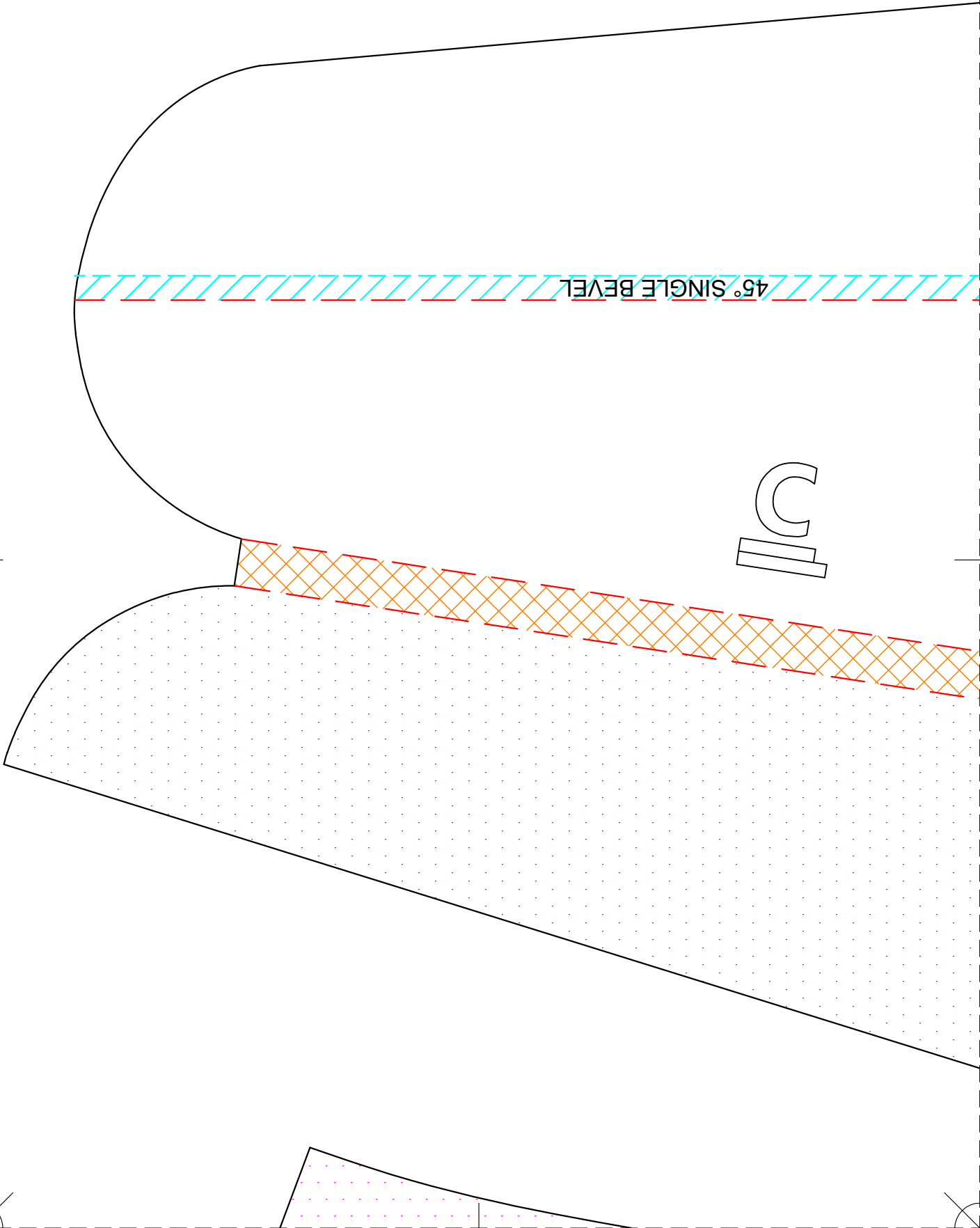
# WING PANEL LT1

FOAM BOARD  
FT CORSAIR - v.1.0



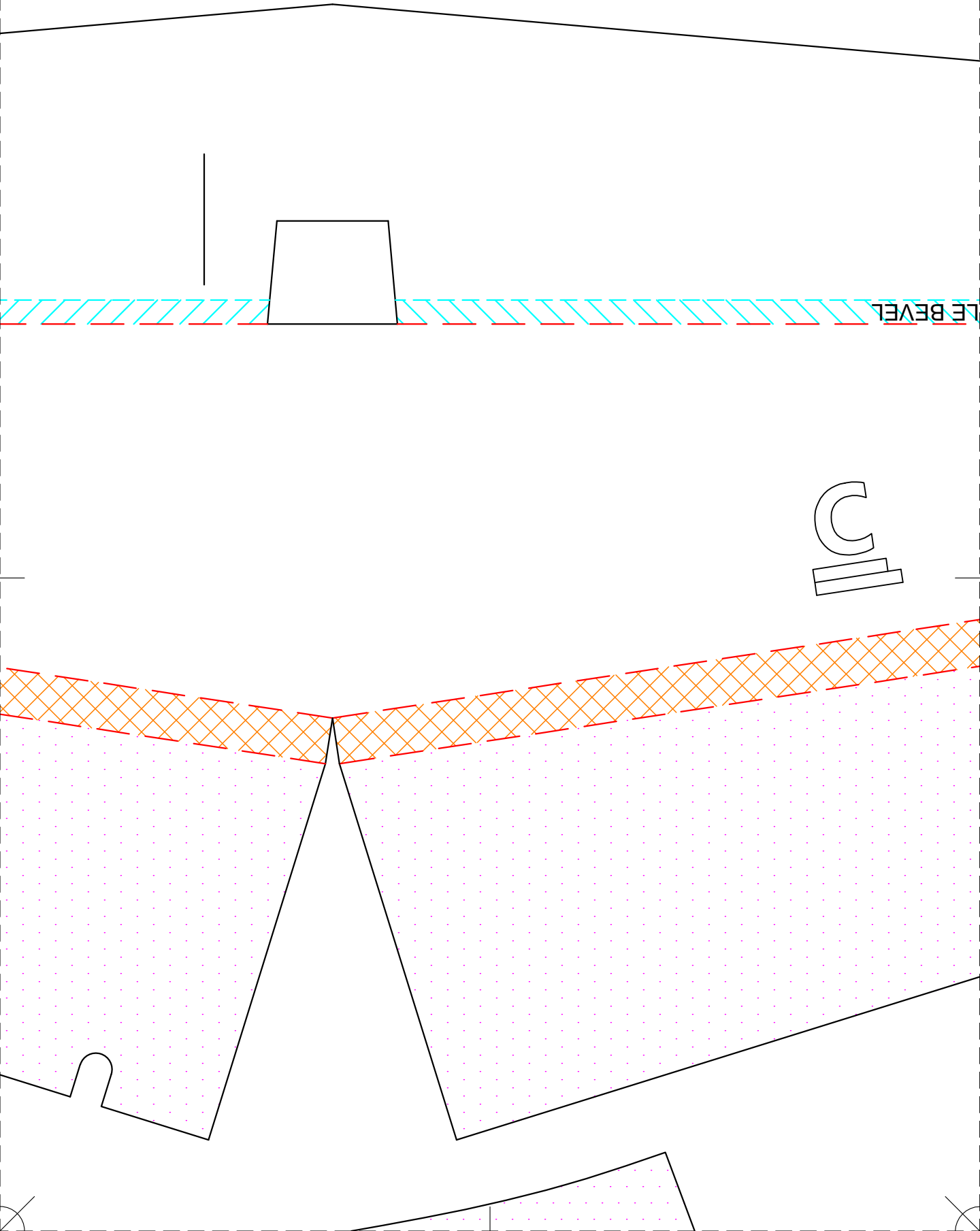


IN  
CM





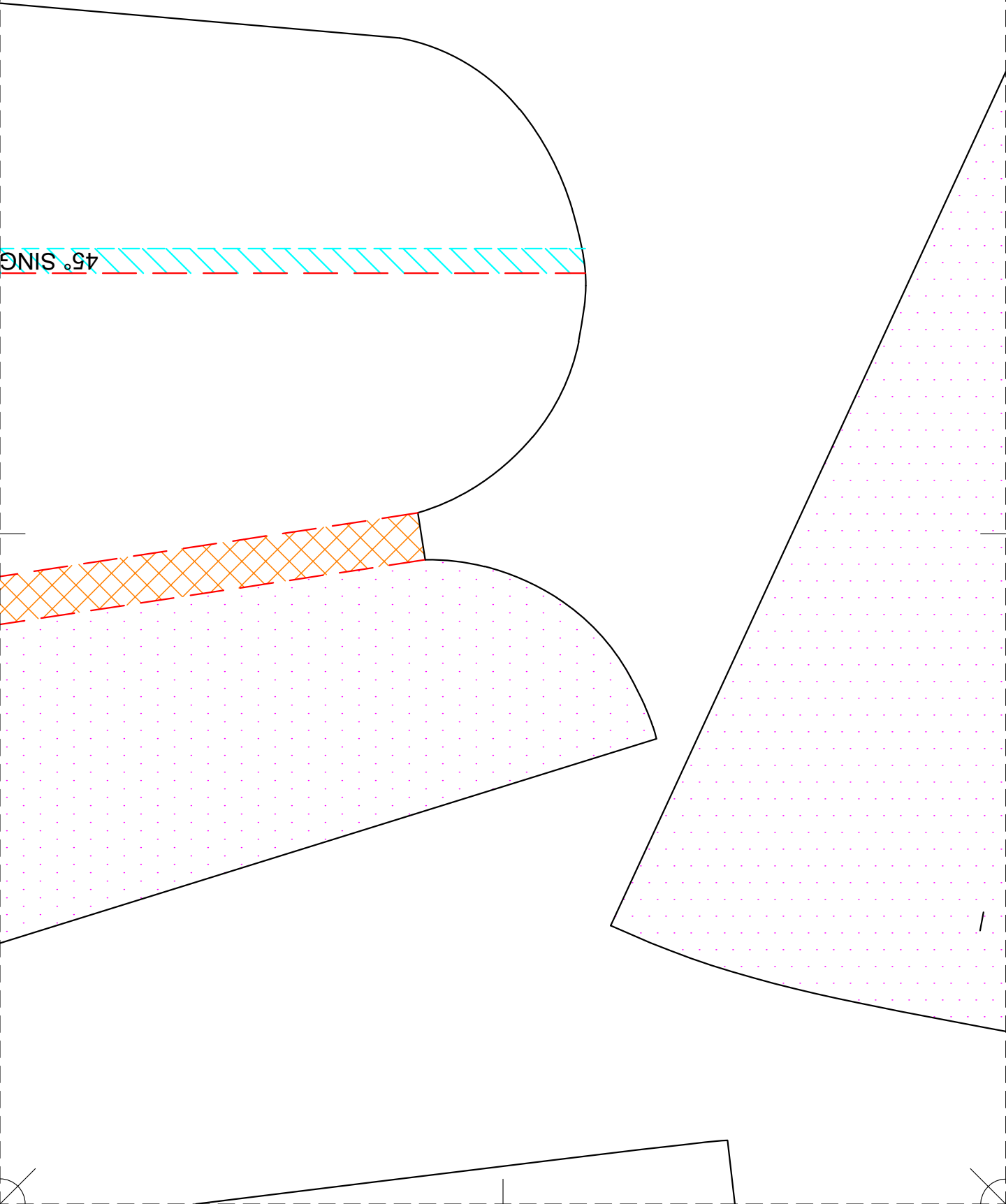
IN  
CM





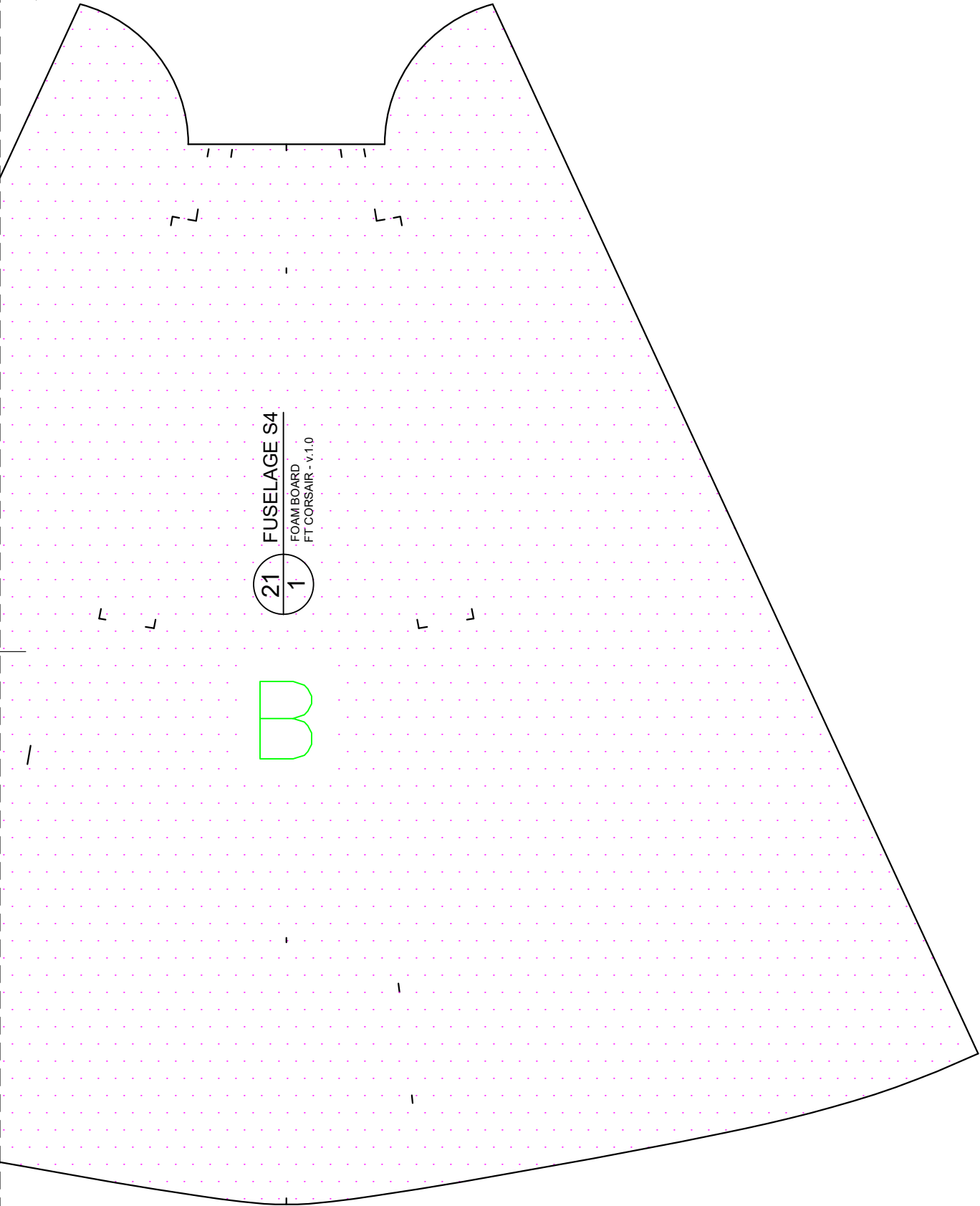


45° SING





IN  
CM



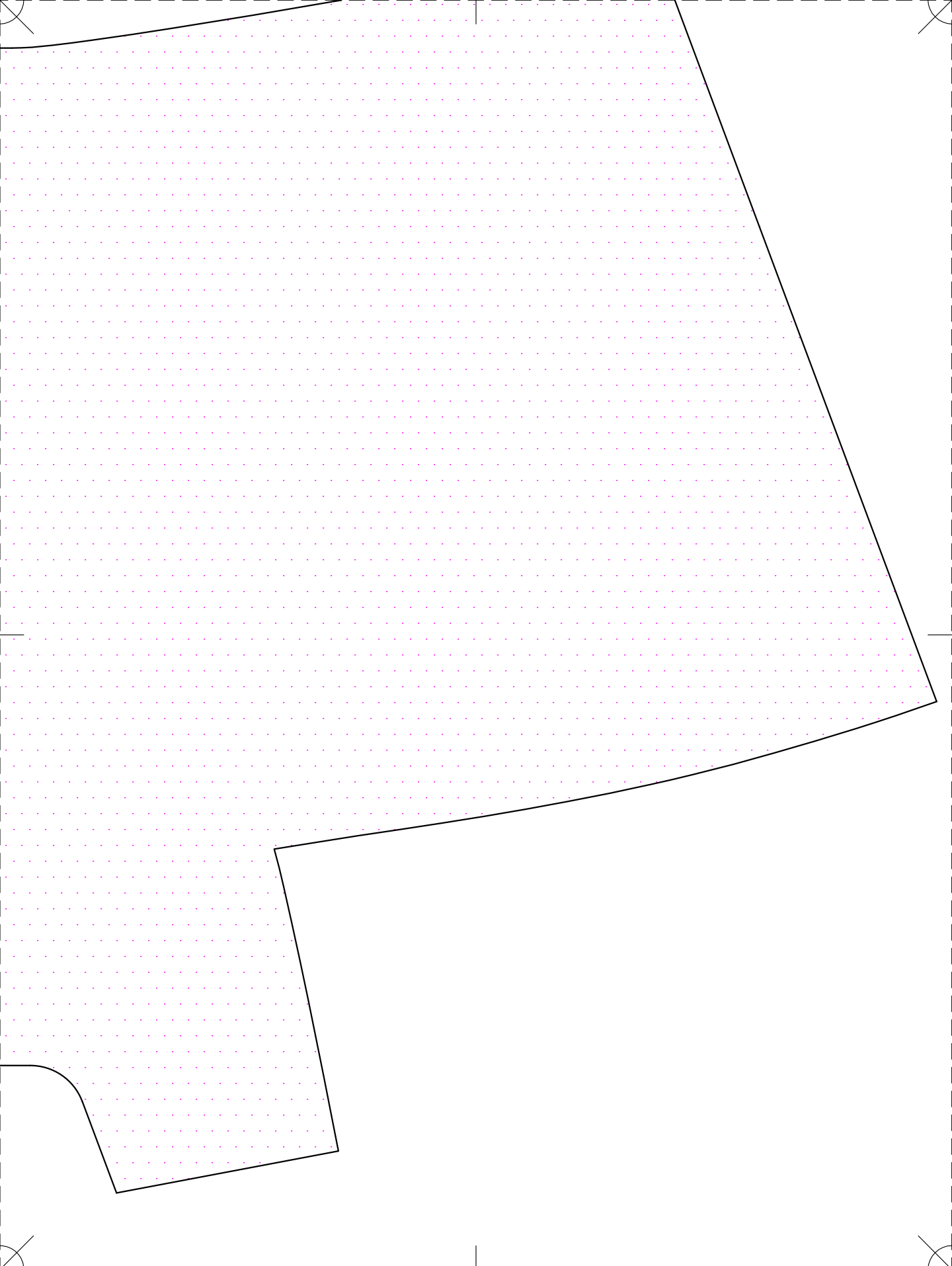
21  
1

FUSELAGE S4  
FOAM BOARD  
FT CORSAIR - v.1.0

B



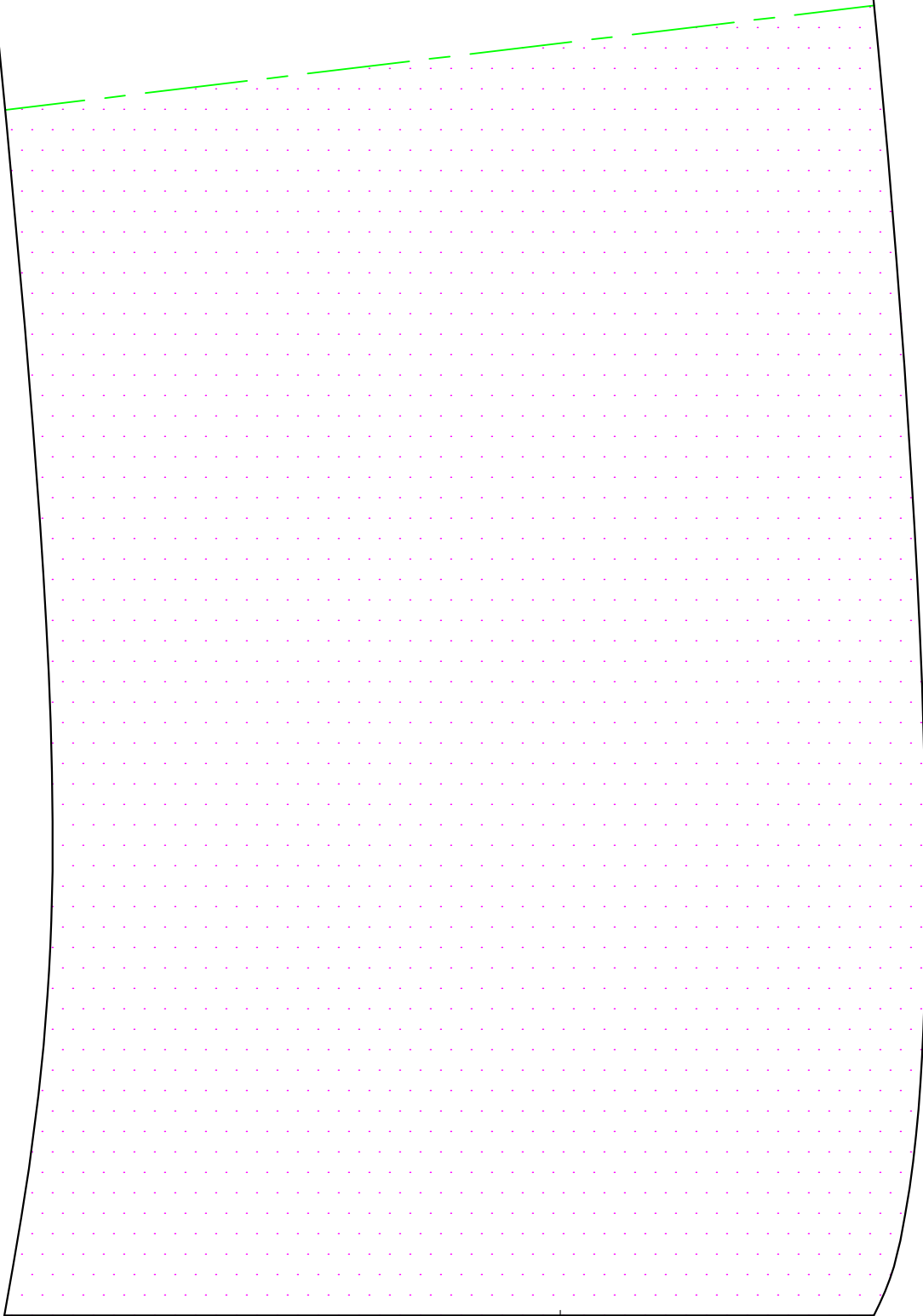
19 FUSELAGE S3  
1 FOAM BOARD  
FT CORSAIR - v.1.0





## WING PANEL LT2

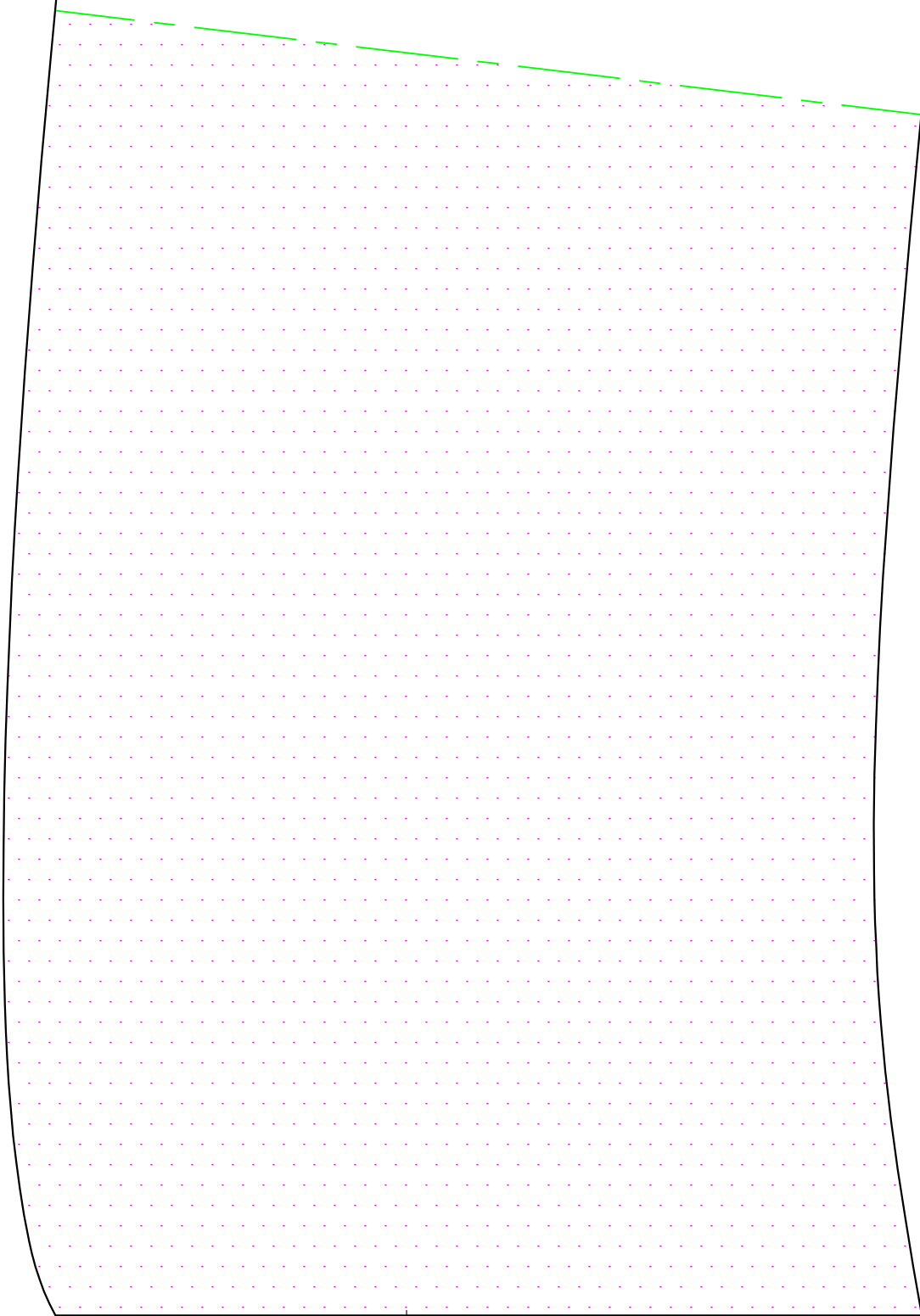
FOAM BOARD  
FT CORSAIR - v.1.0





# WING PANEL RT2

FOAM BOARD  
FT CORSAIR - v.1.0

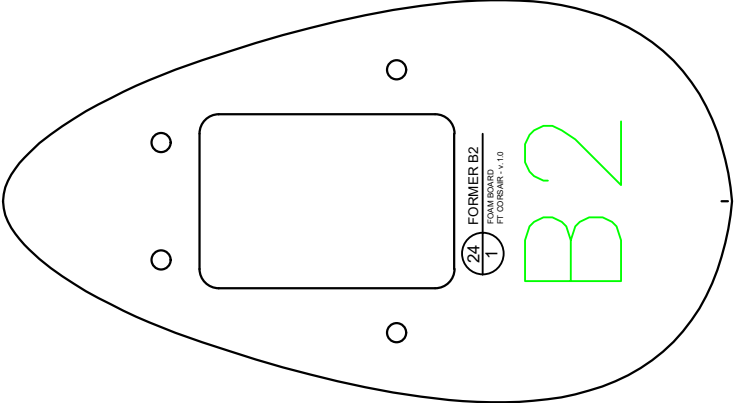
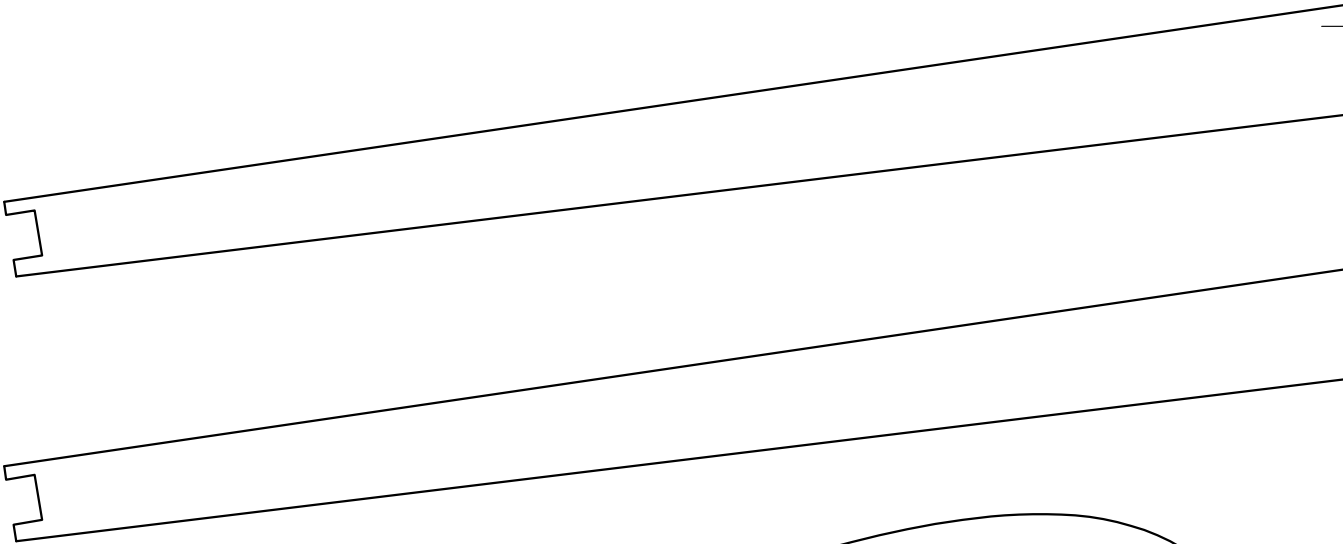
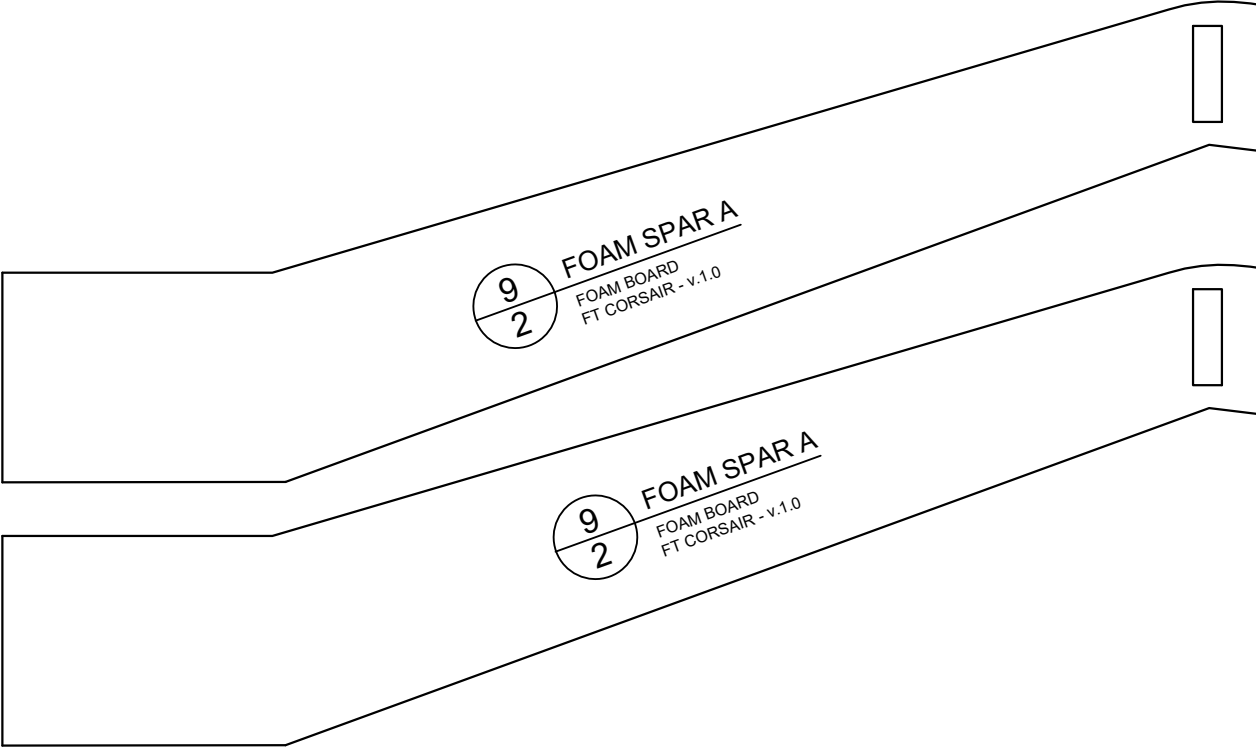


IN  
CM



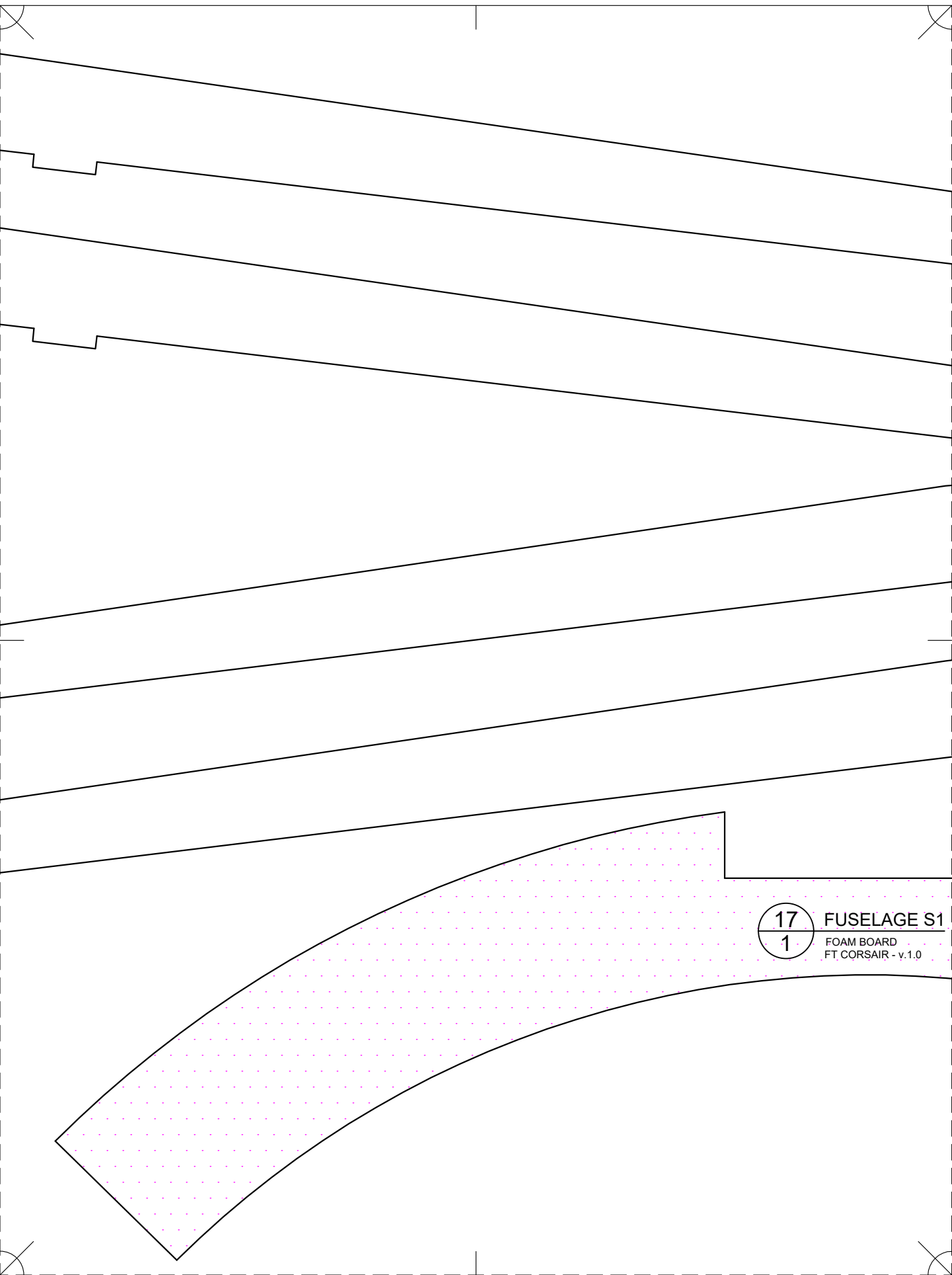


IN  
CM





IN  
CM

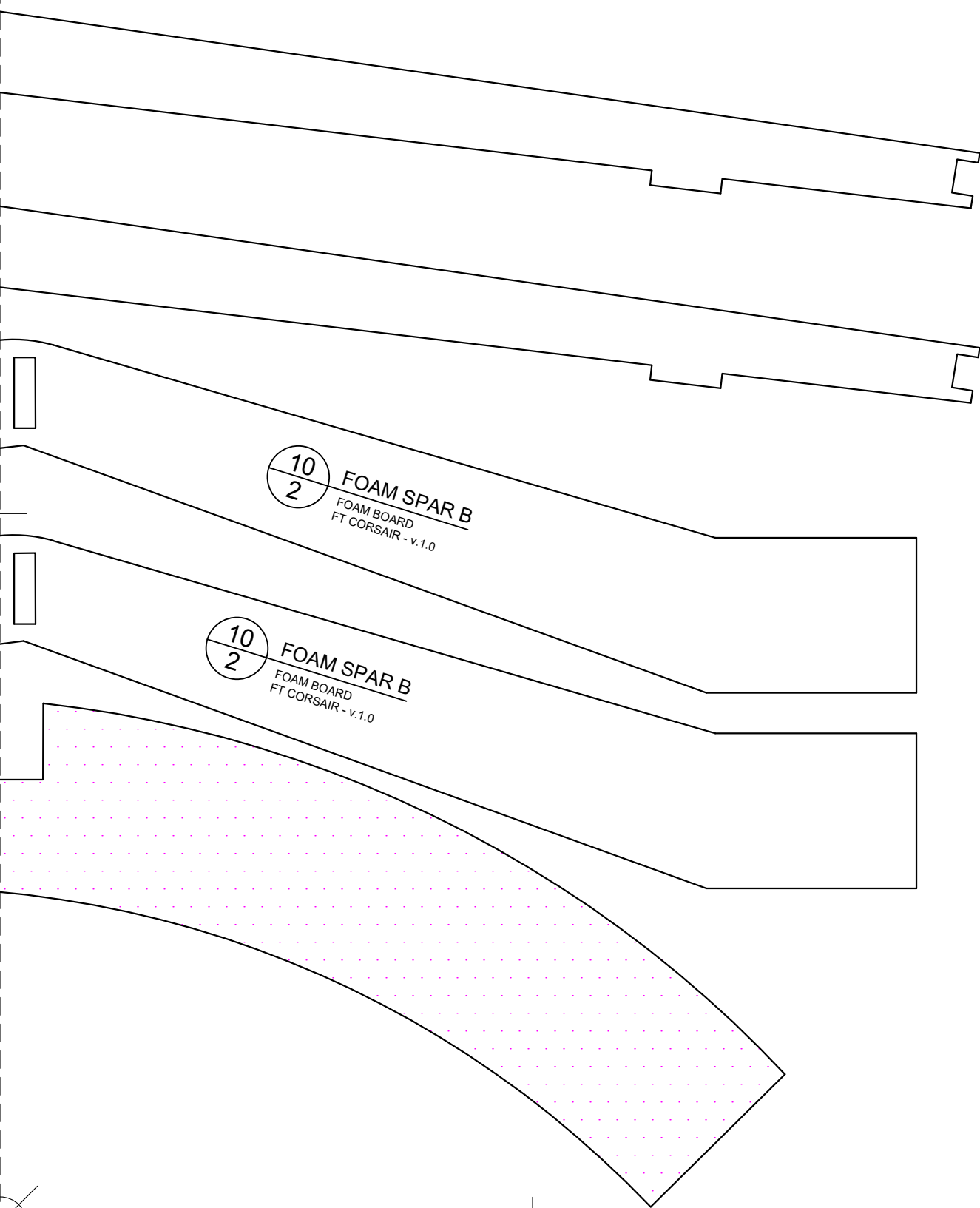


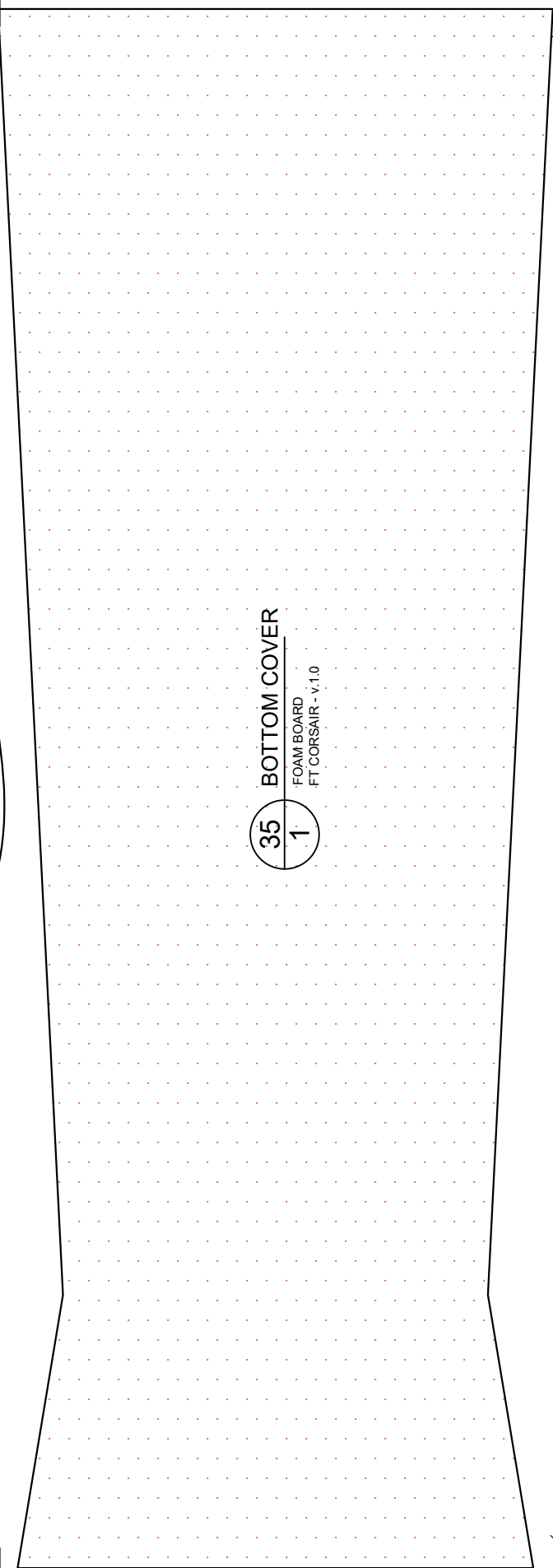
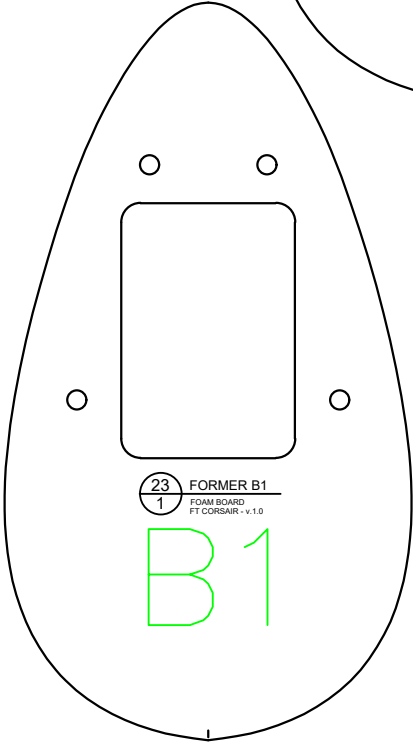
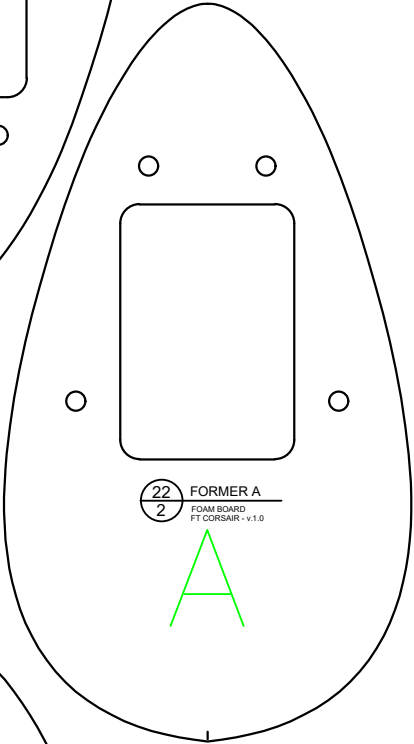
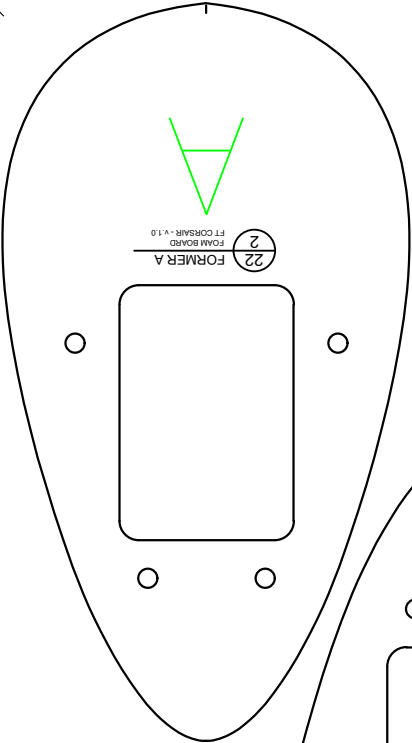
17  
1

FUSELAGE S1

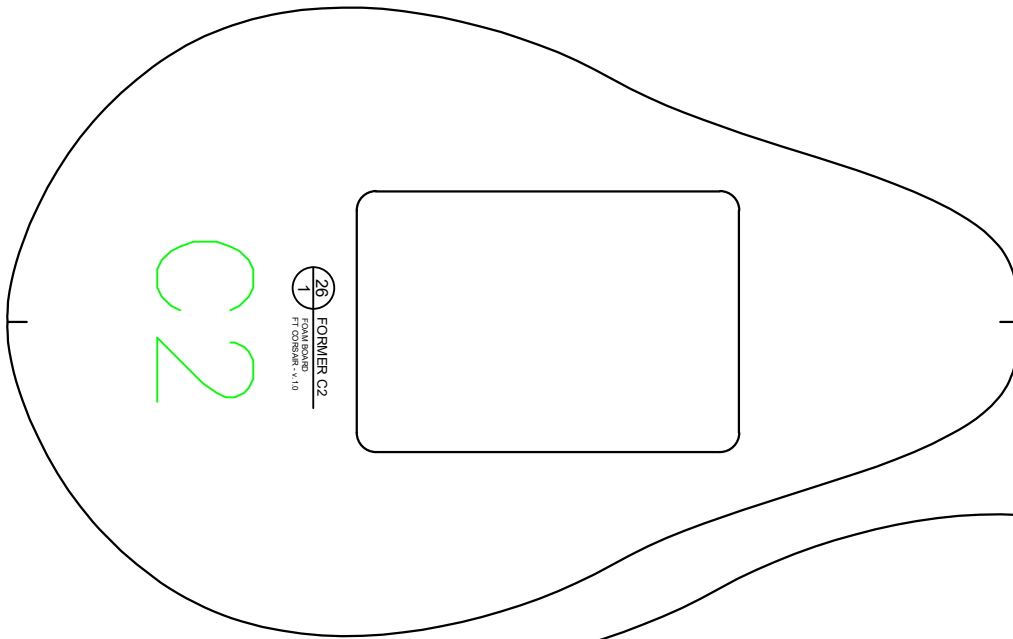
FOAM BOARD  
FT CORSAIR - v.1.0





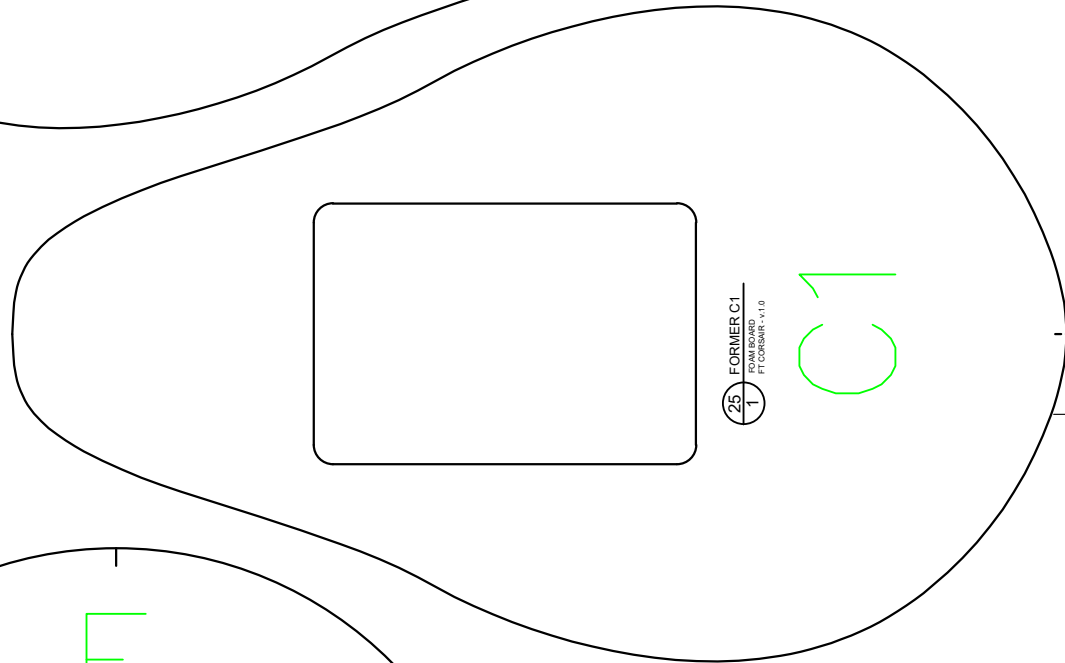


35 BOTTOM COVER  
FOAM BOARD  
FT CORSAIR - v.1.0



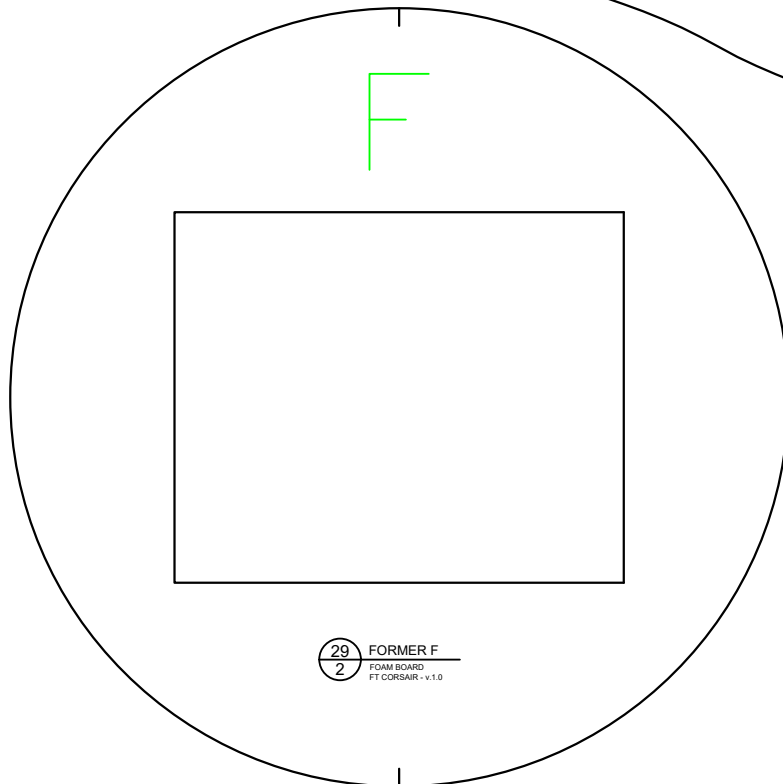
26  
1  
FORMER C2  
FOAM BOARD  
FT CORSAIR - v.1.0

C2



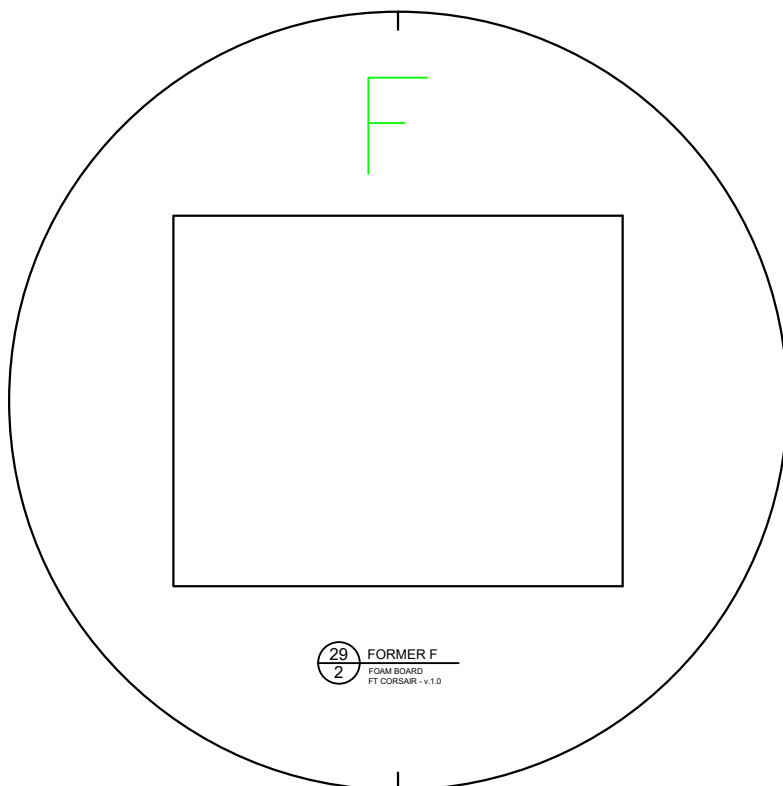
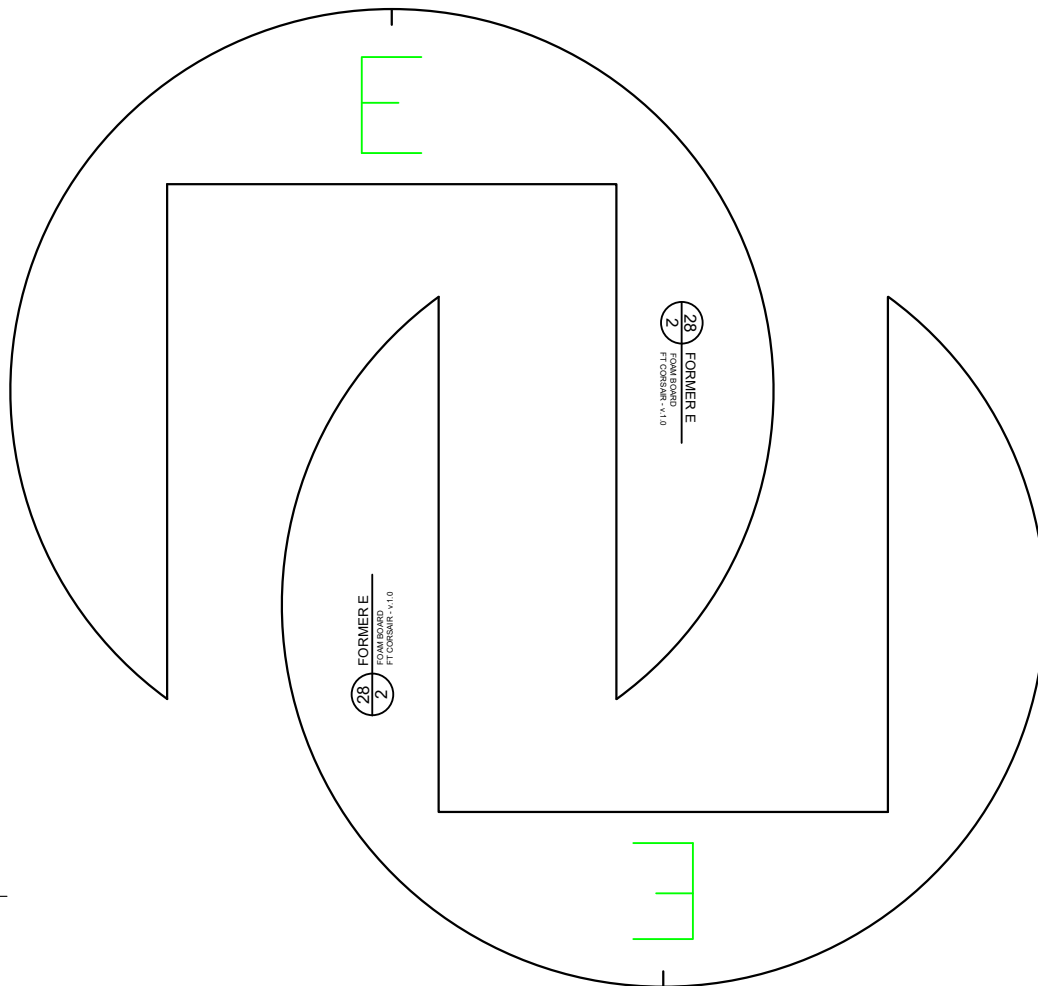
25  
1  
FORMER C1  
FOAM BOARD  
FT CORSAIR - v.1.0

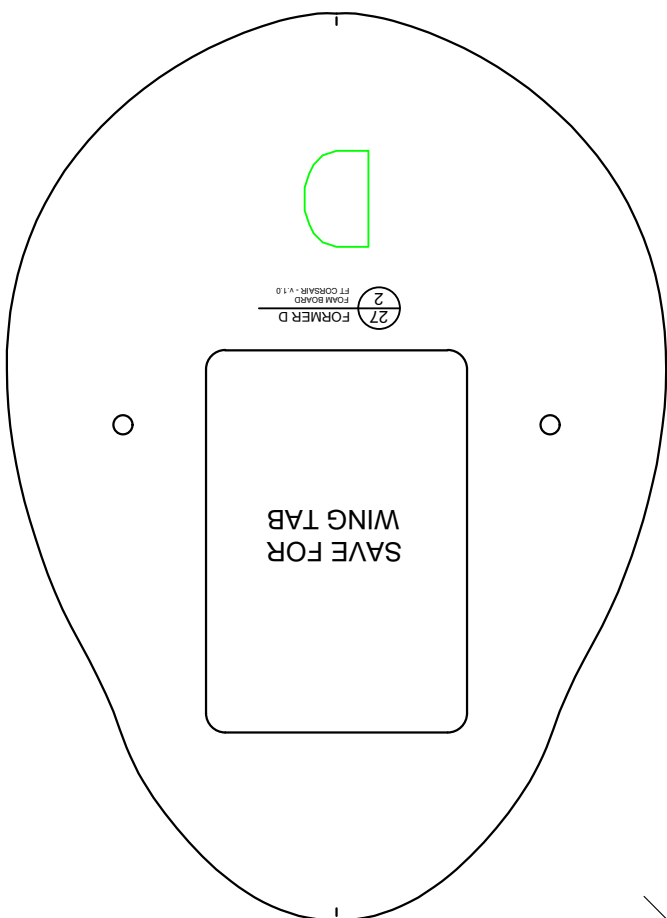
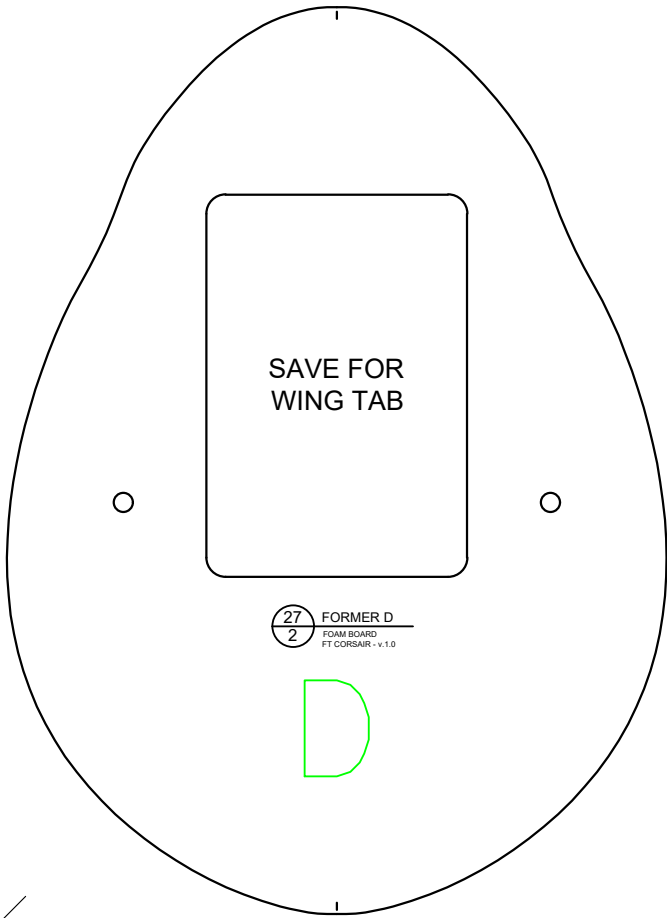
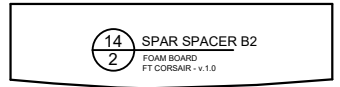
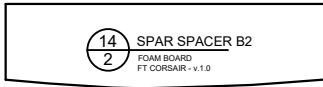
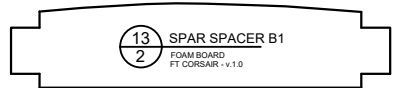
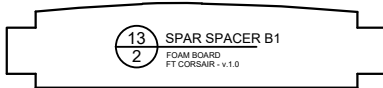
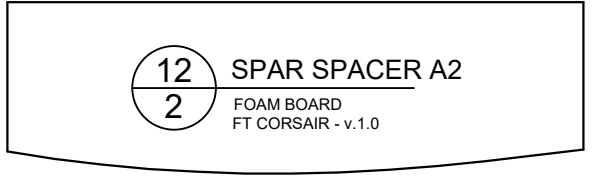
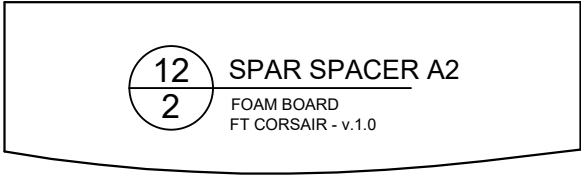
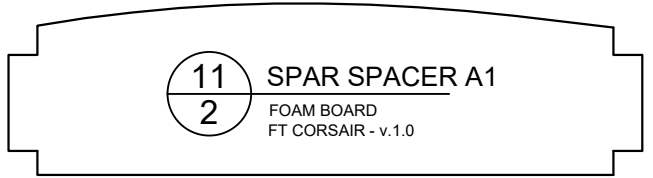
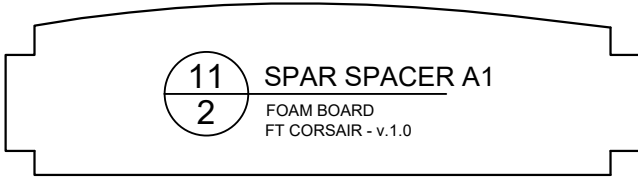
C1



29  
2  
FORMER F  
FOAM BOARD  
FT CORSAIR - v.1.0

F



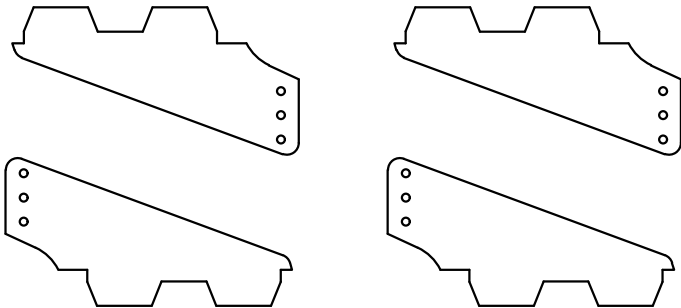


16

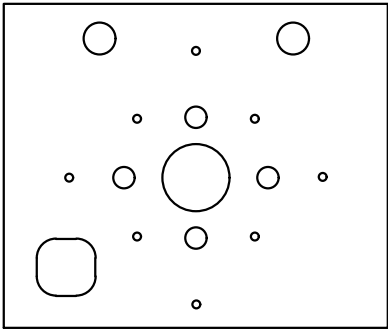
1

COWLING S2

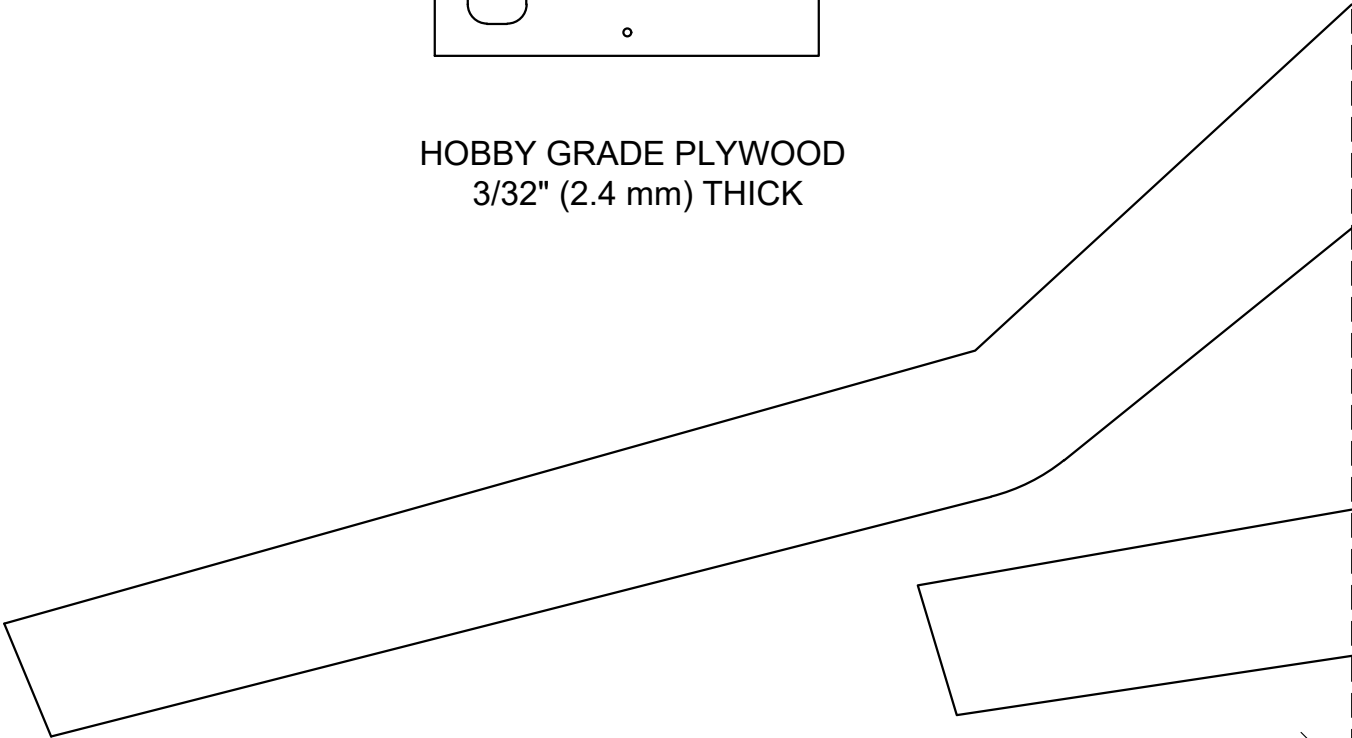
FOAM BOARD  
FT CORSAIR - v.1.0



HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

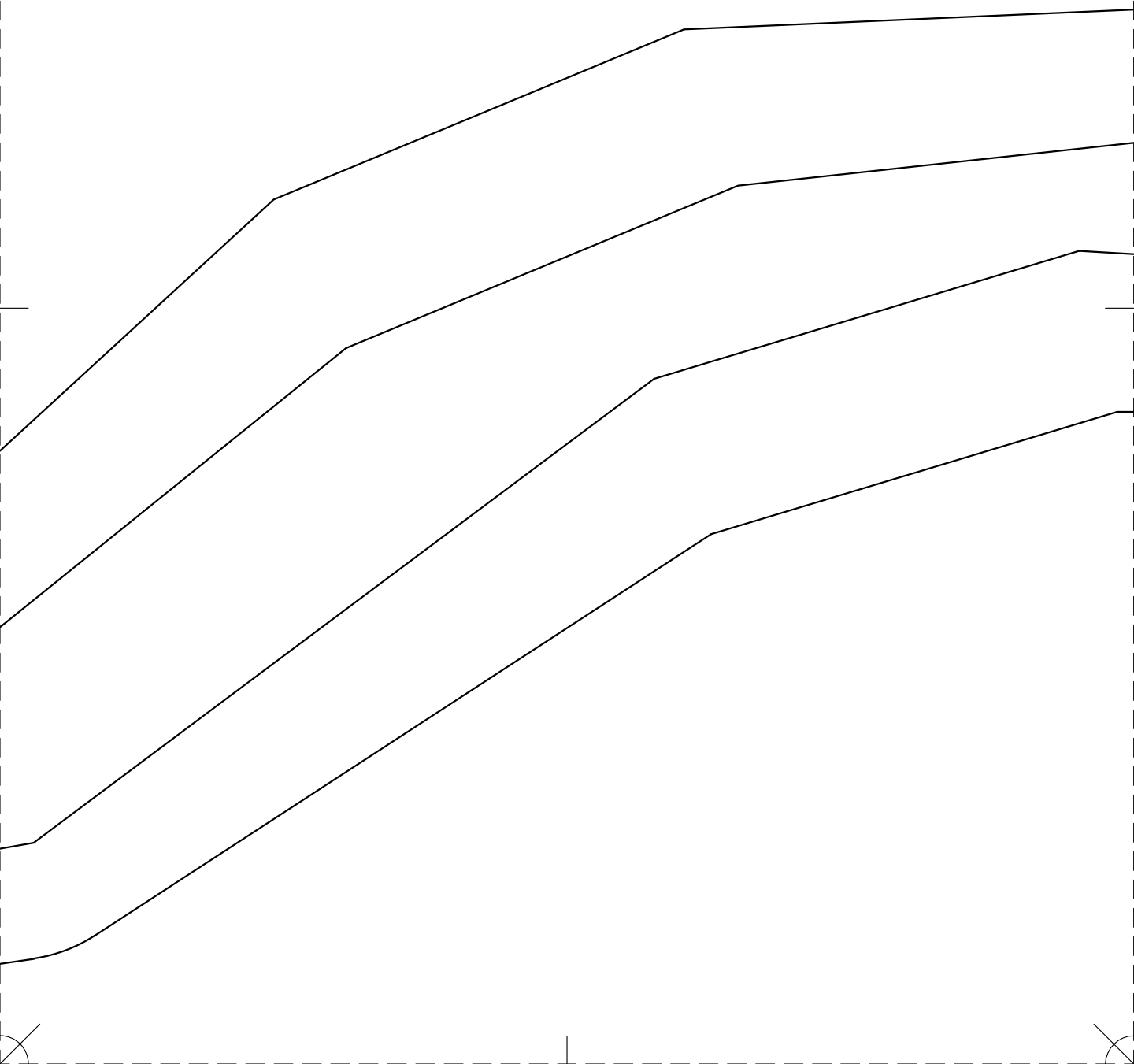


HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK





HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK







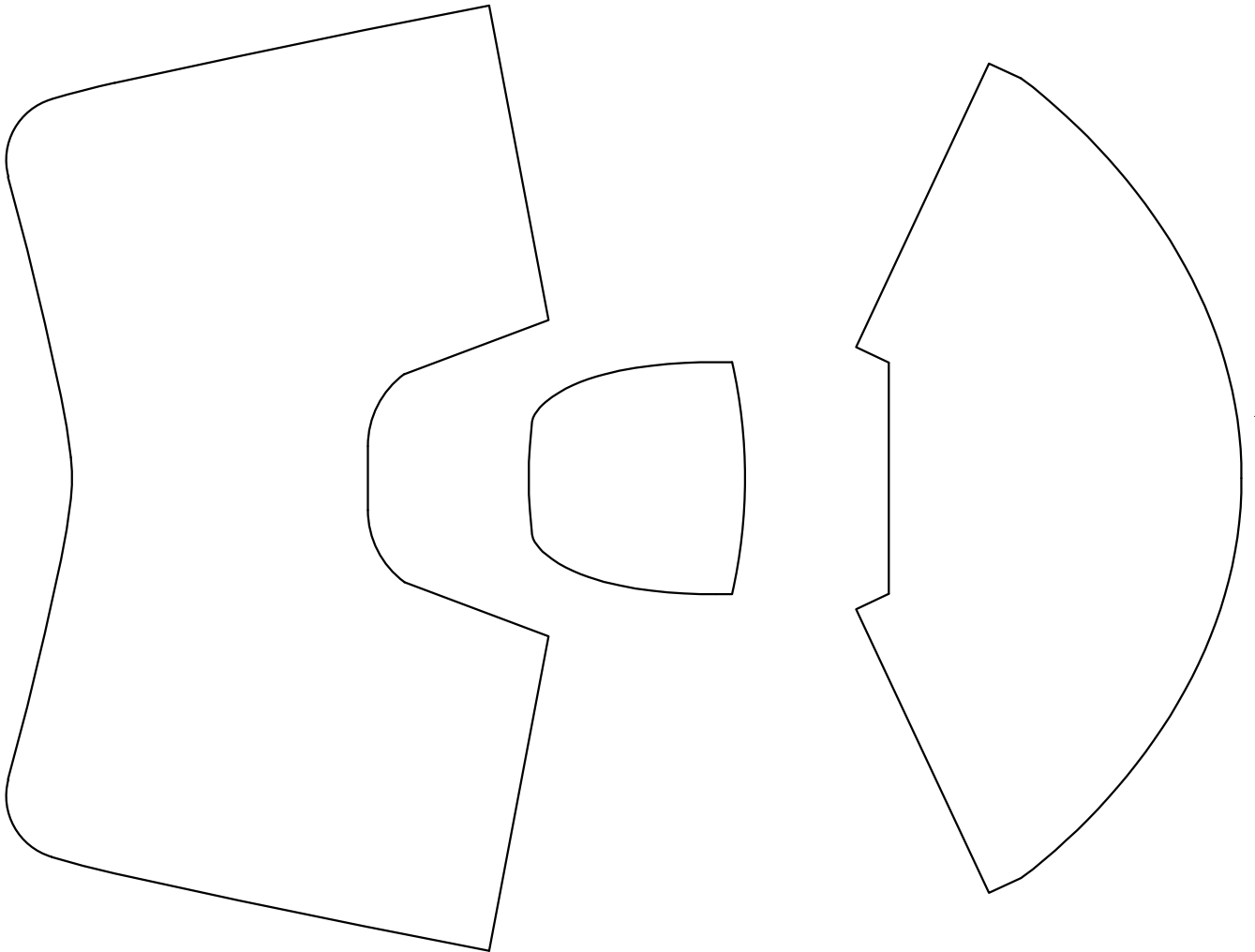
IN  
CM



HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

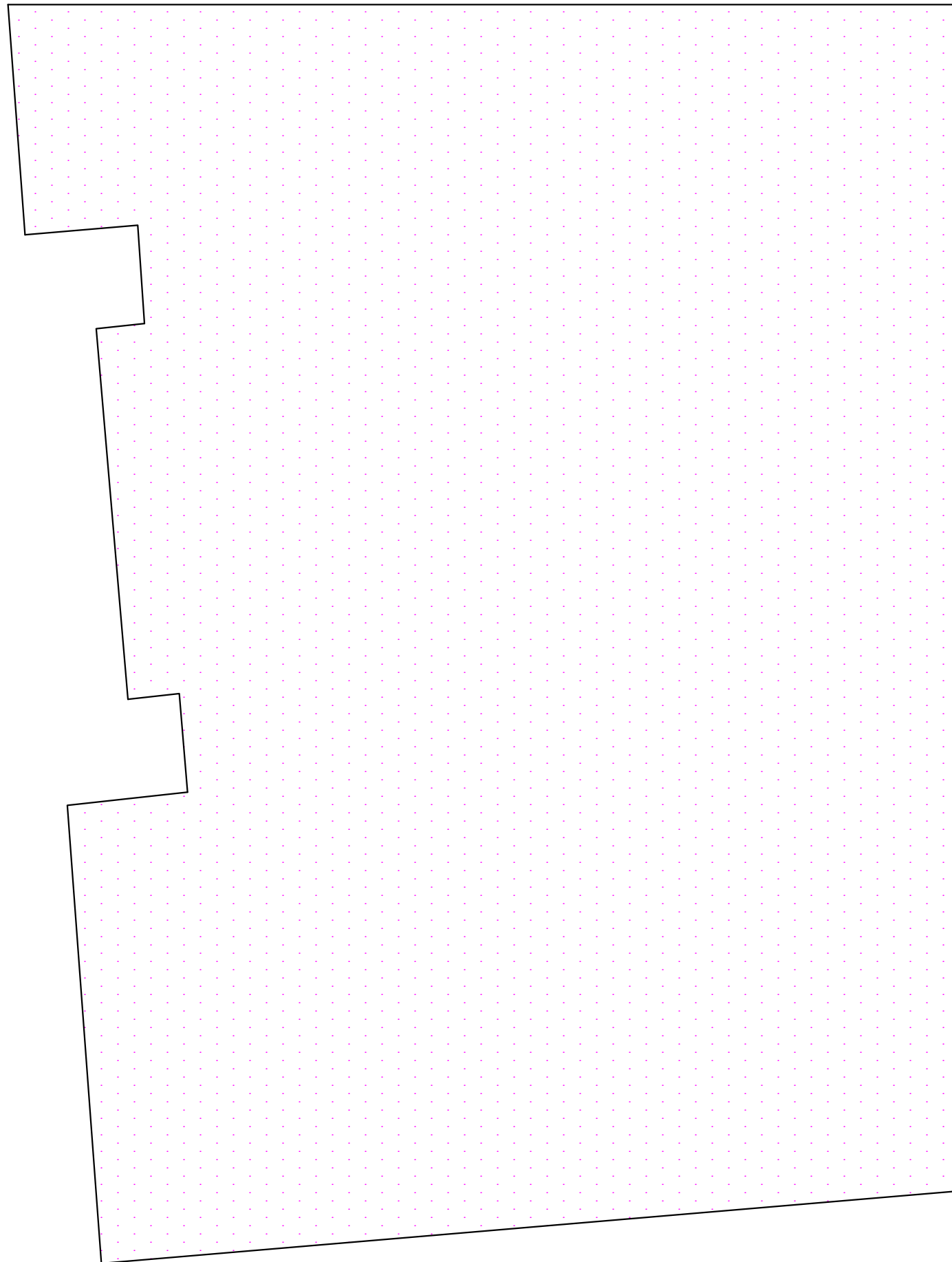


## VINYL CANOPY DECALS



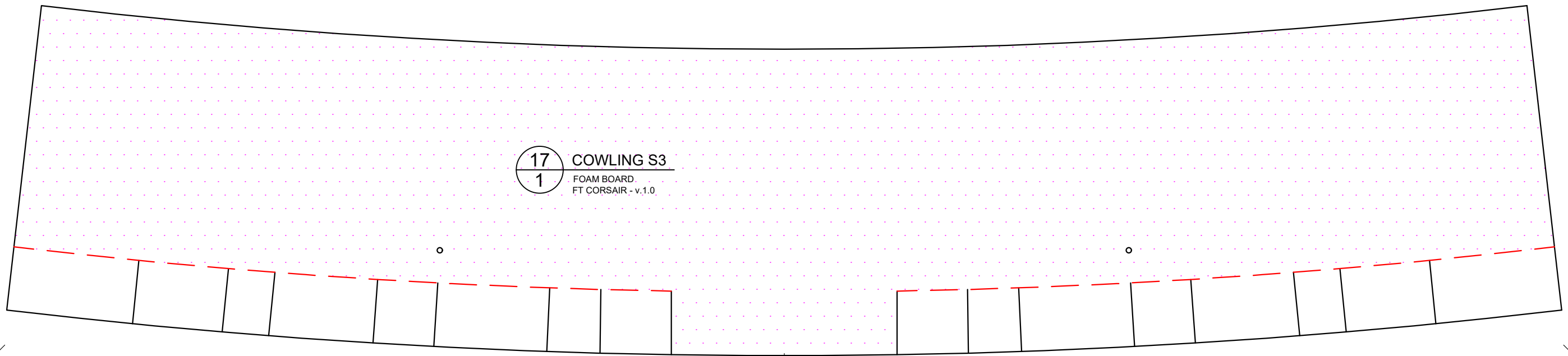
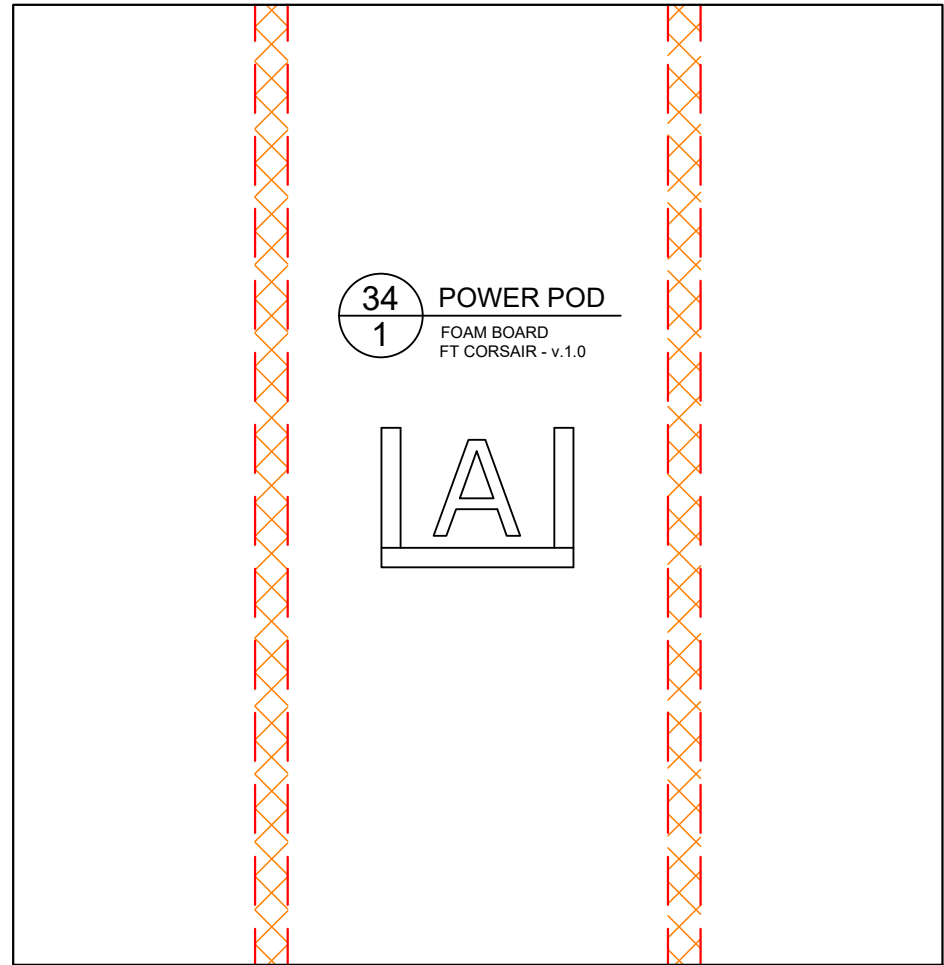


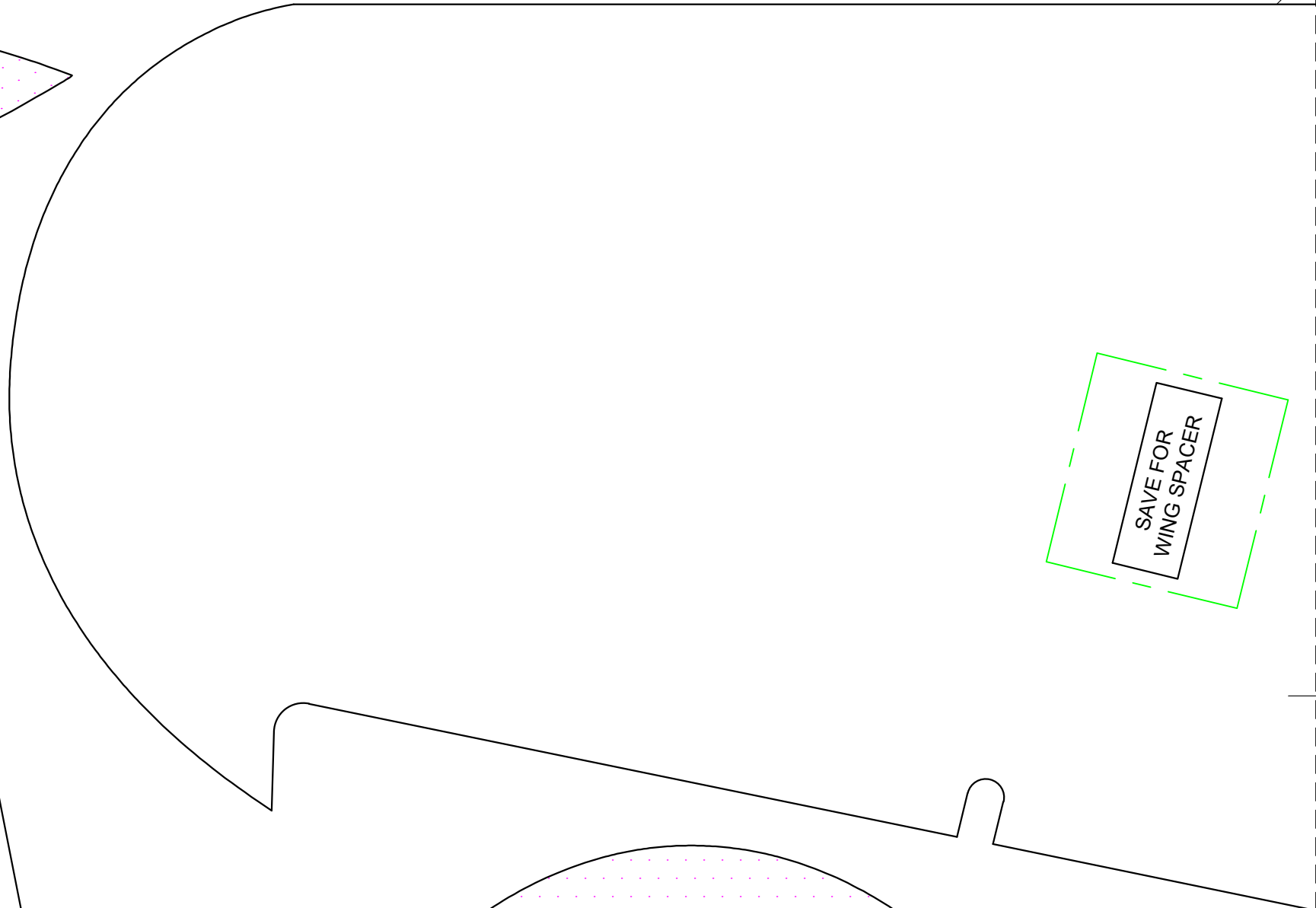
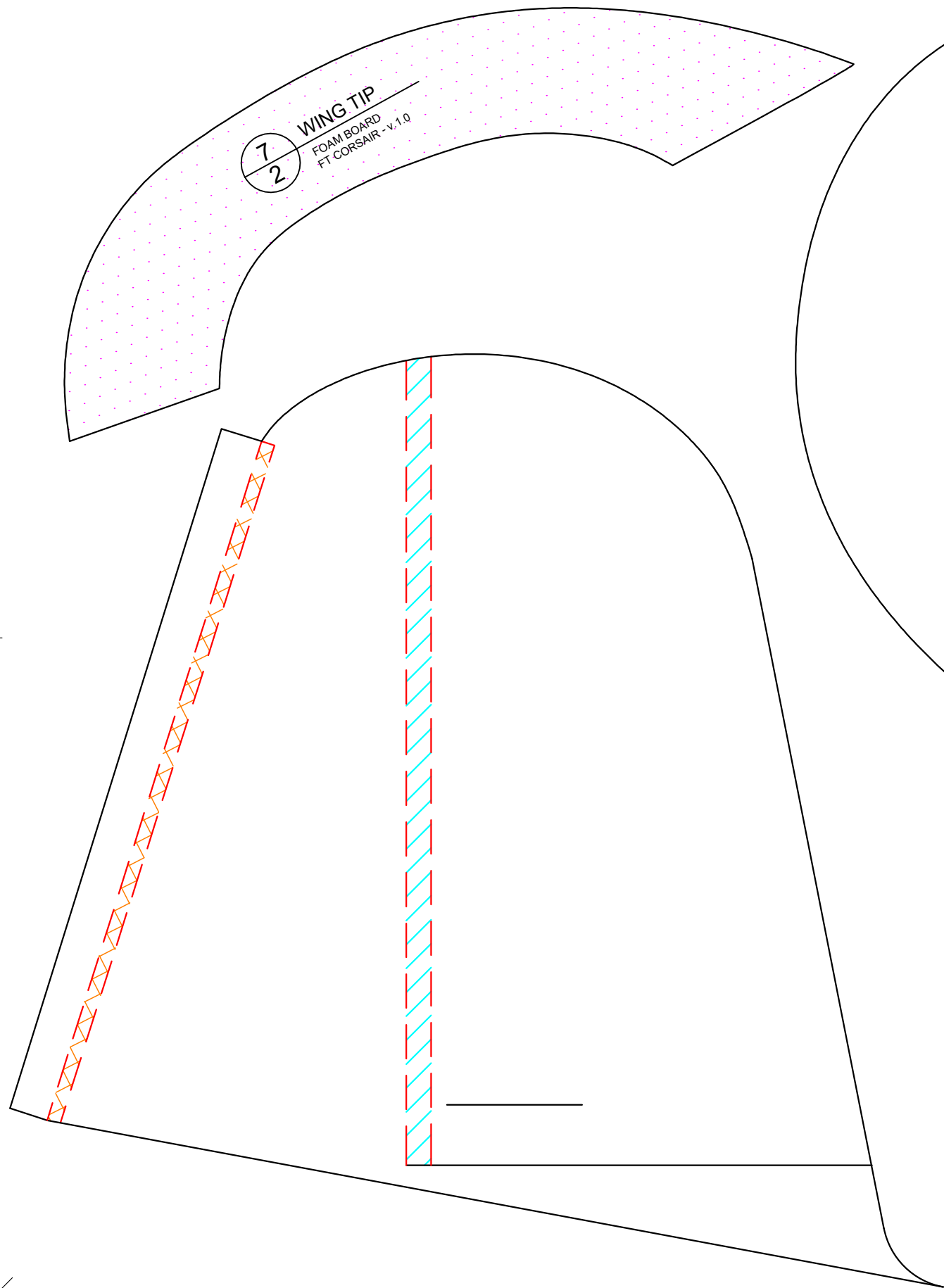
IN  
CM



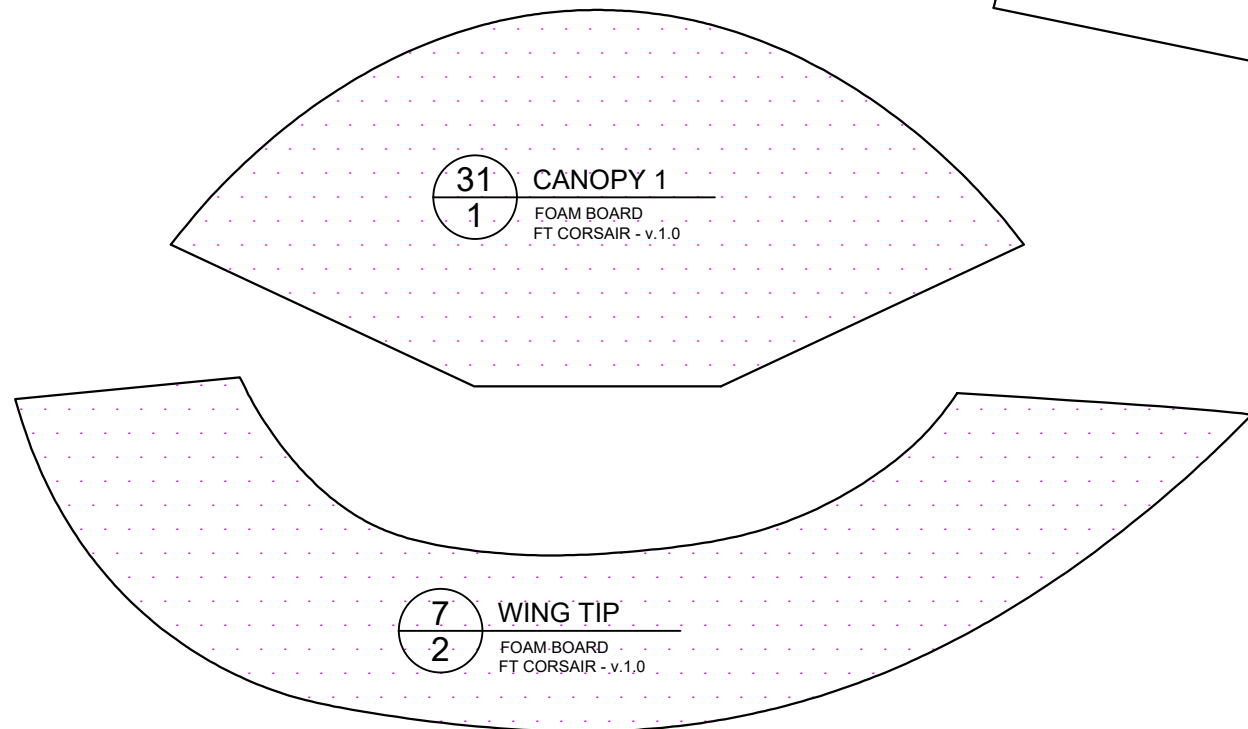
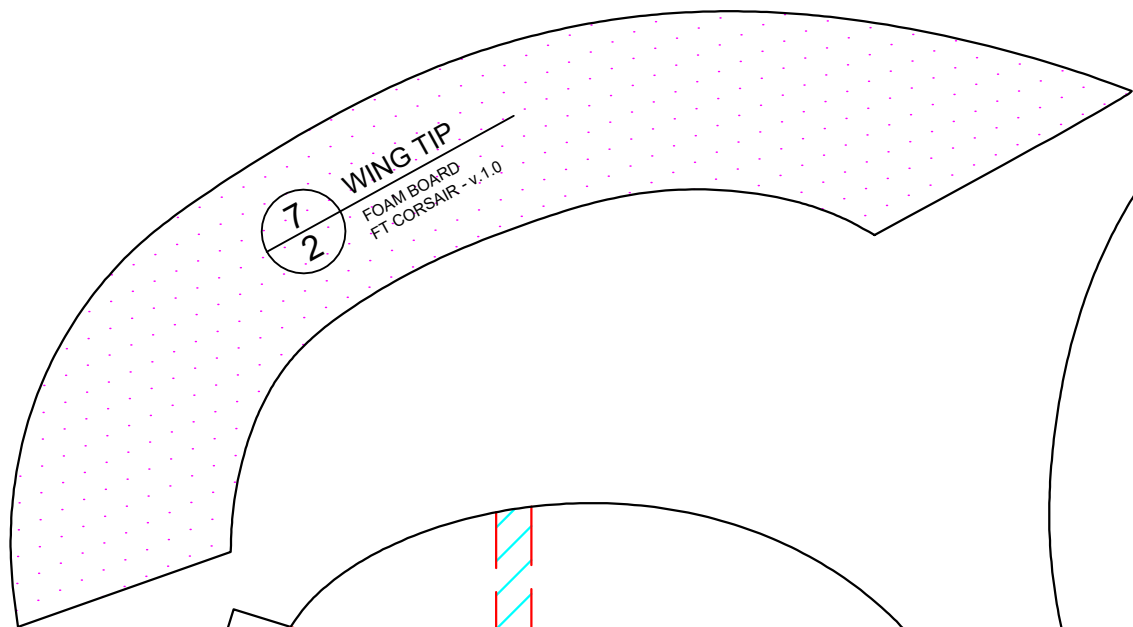
**WING PANEL RB**  
FOAM BOARD  
FT CORSAIR - v.1.0

SAVE FOR  
WING SPACER

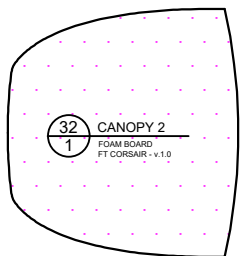




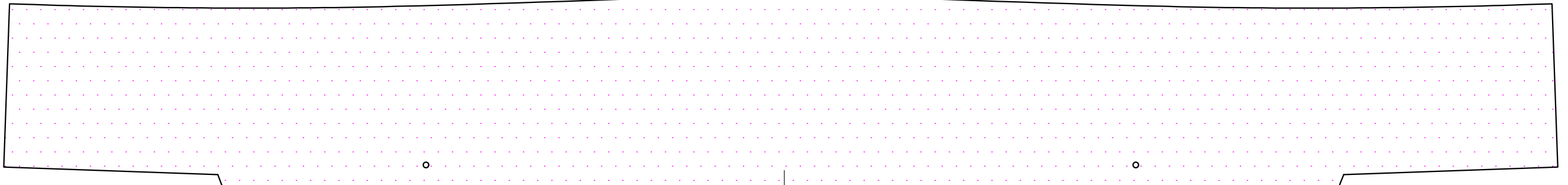
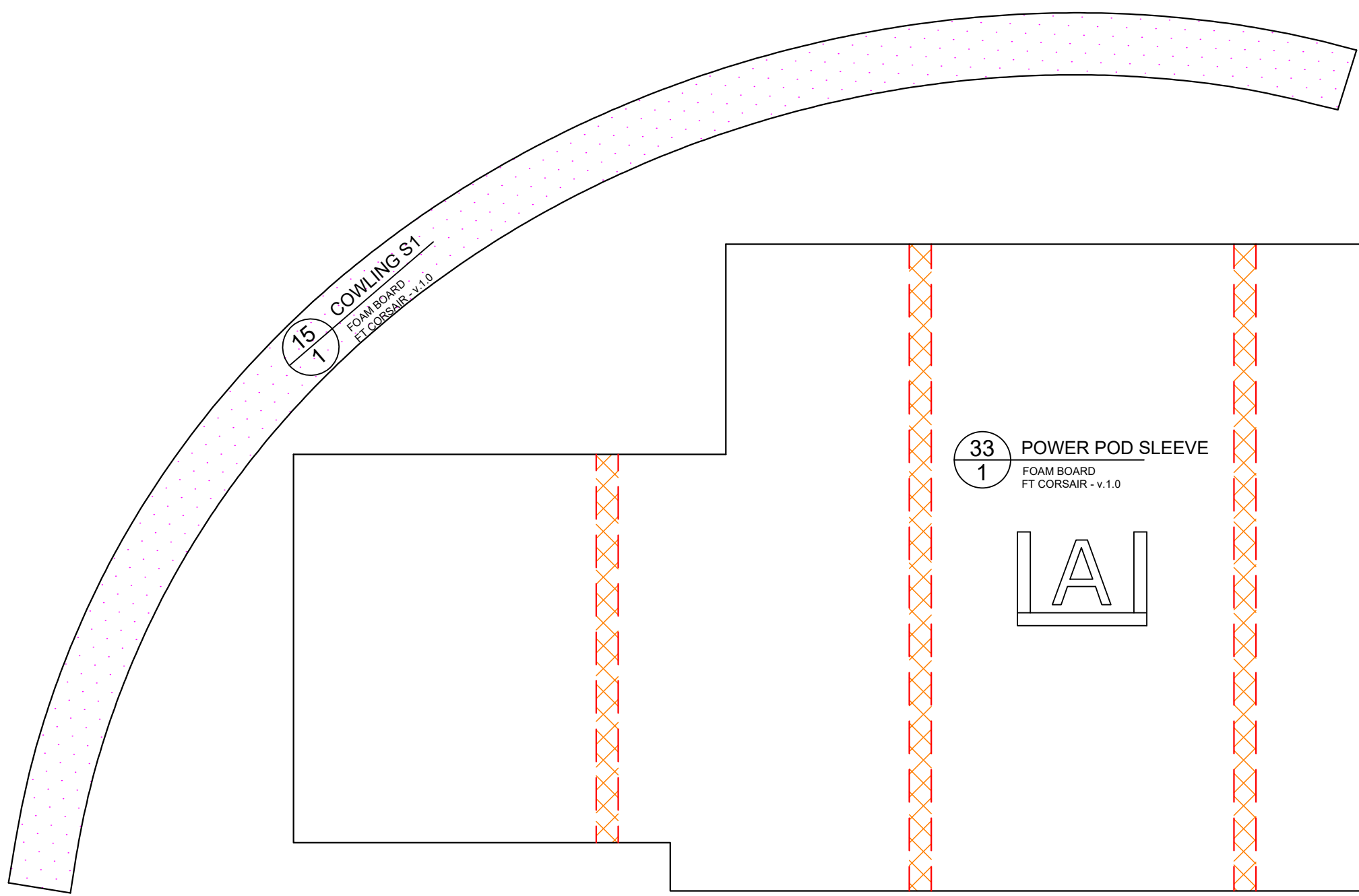
SAVE FOR  
WING SPACER



3 WING PANEL LB  
1 FOAM BOARD  
FT CORSAIR - v.1.0

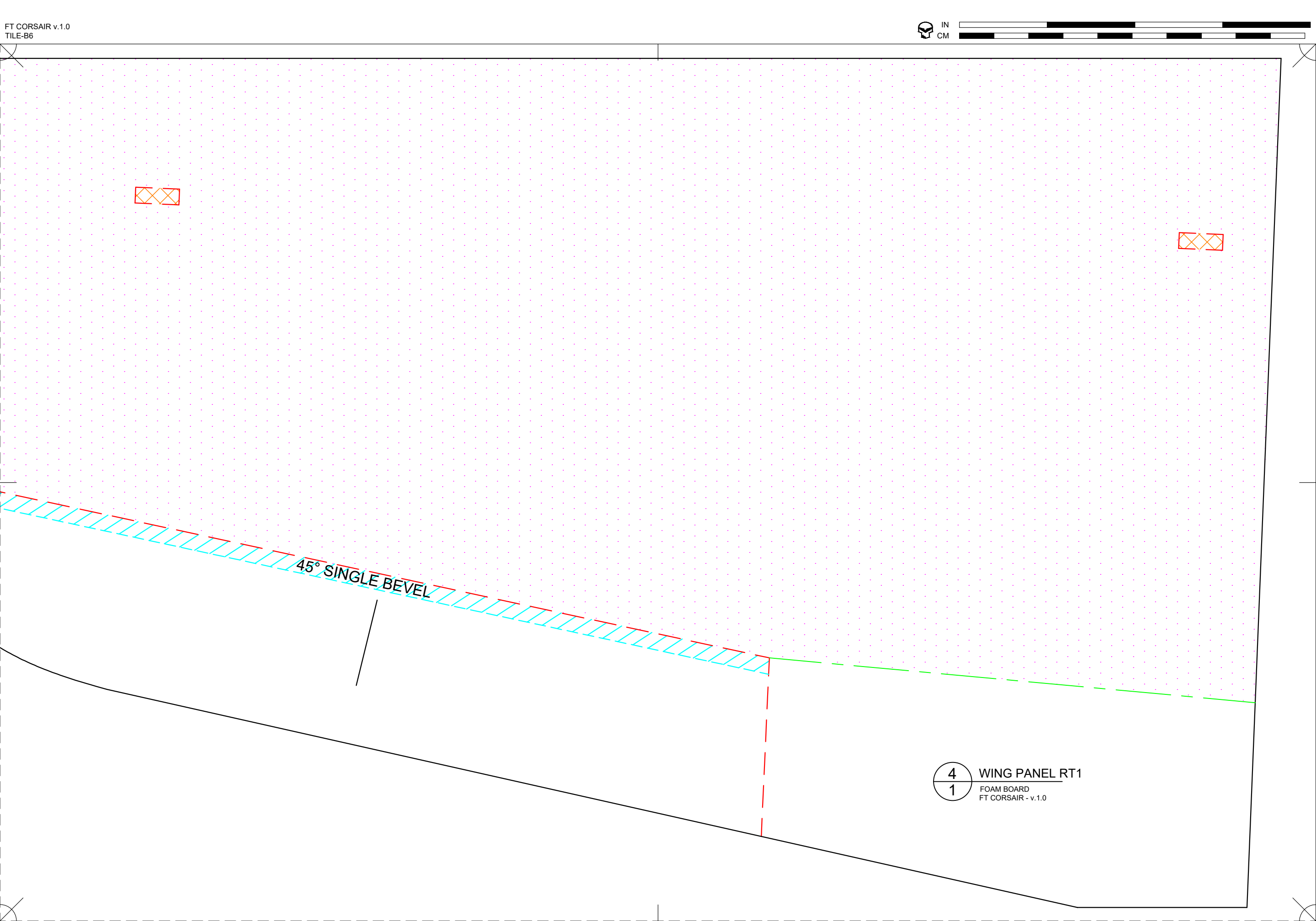


32 CANOPY 2  
1 FOAM BOARD  
FT CORSAIR - v.1.0





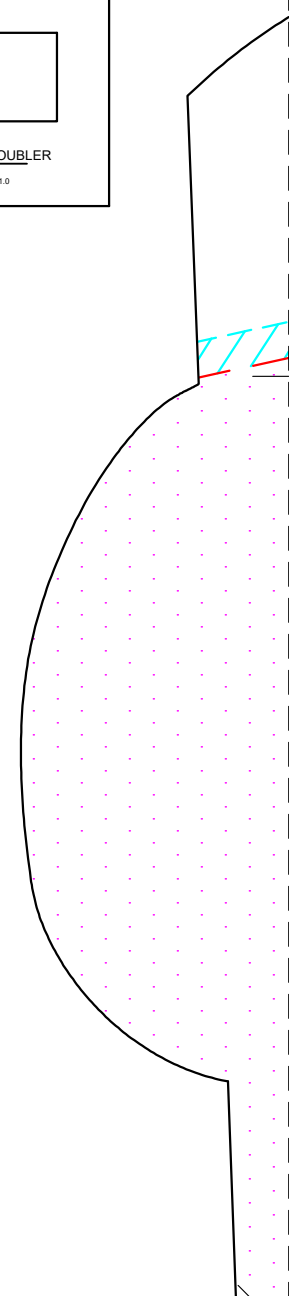
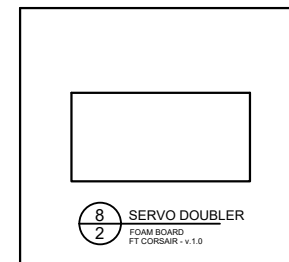
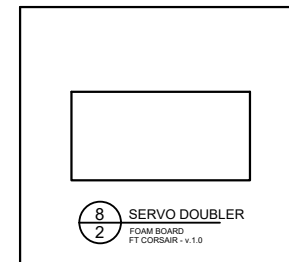
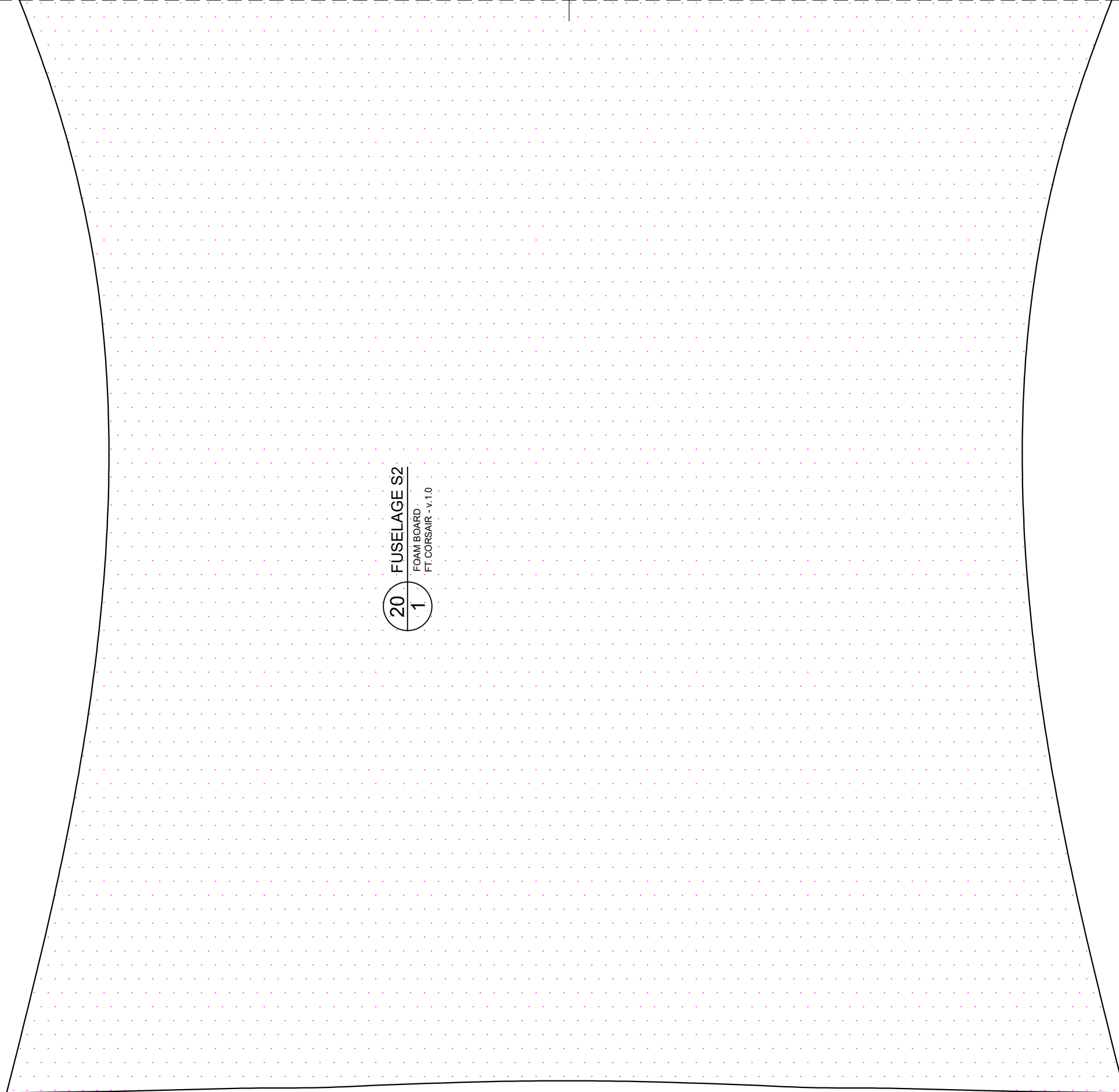
IN  
CM

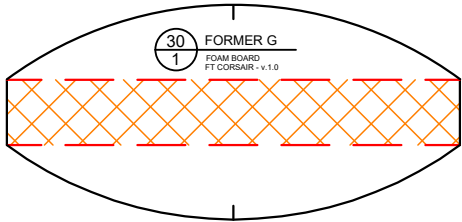


45° SINGLE BEVEL

4  
1 WING PANEL RT1  
FOAM BOARD  
FT CORSAIR - v.1.0

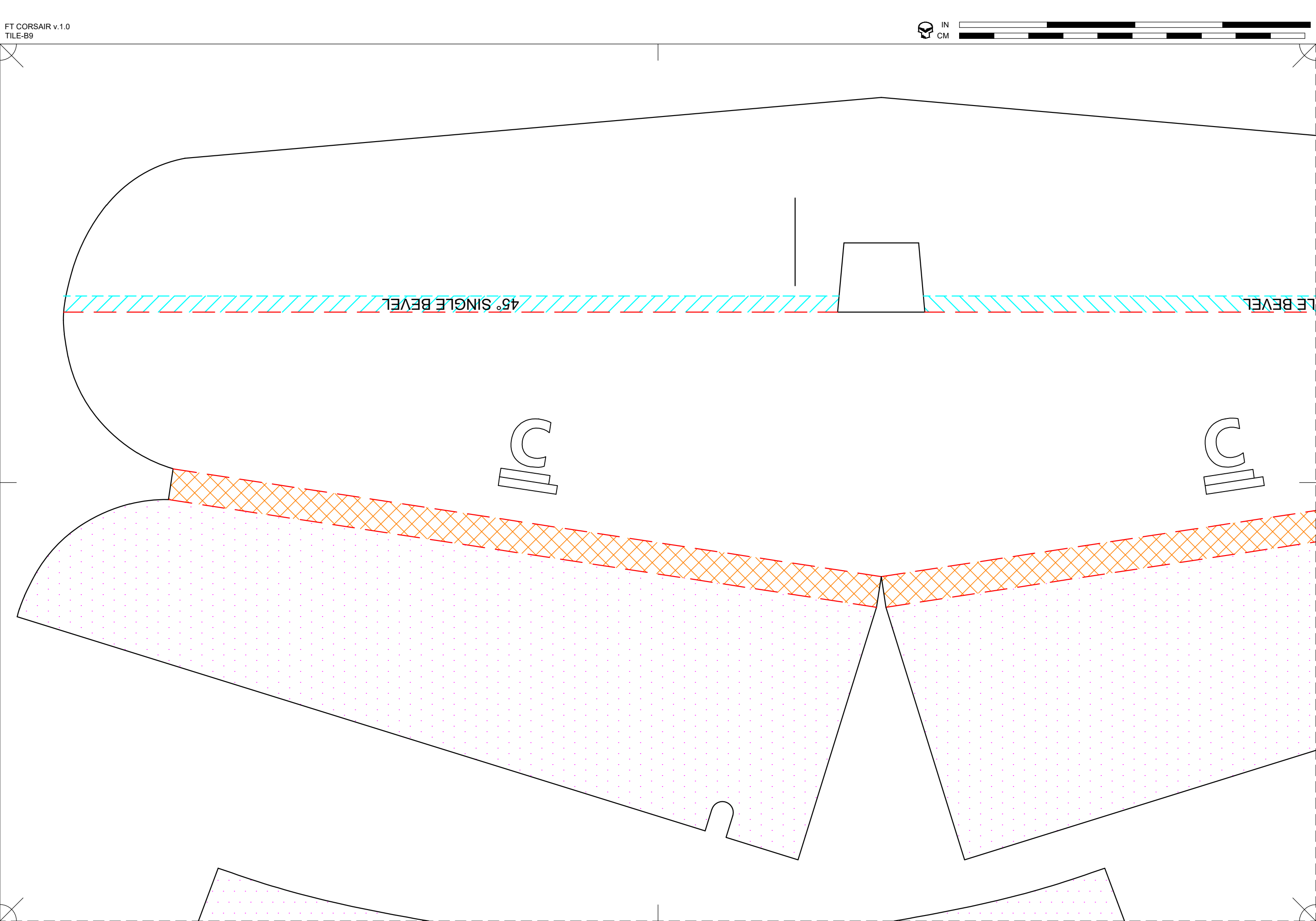






1 WING PANEL LT1  
1 FOAM BOARD  
FT CORSAIR - v.1.0

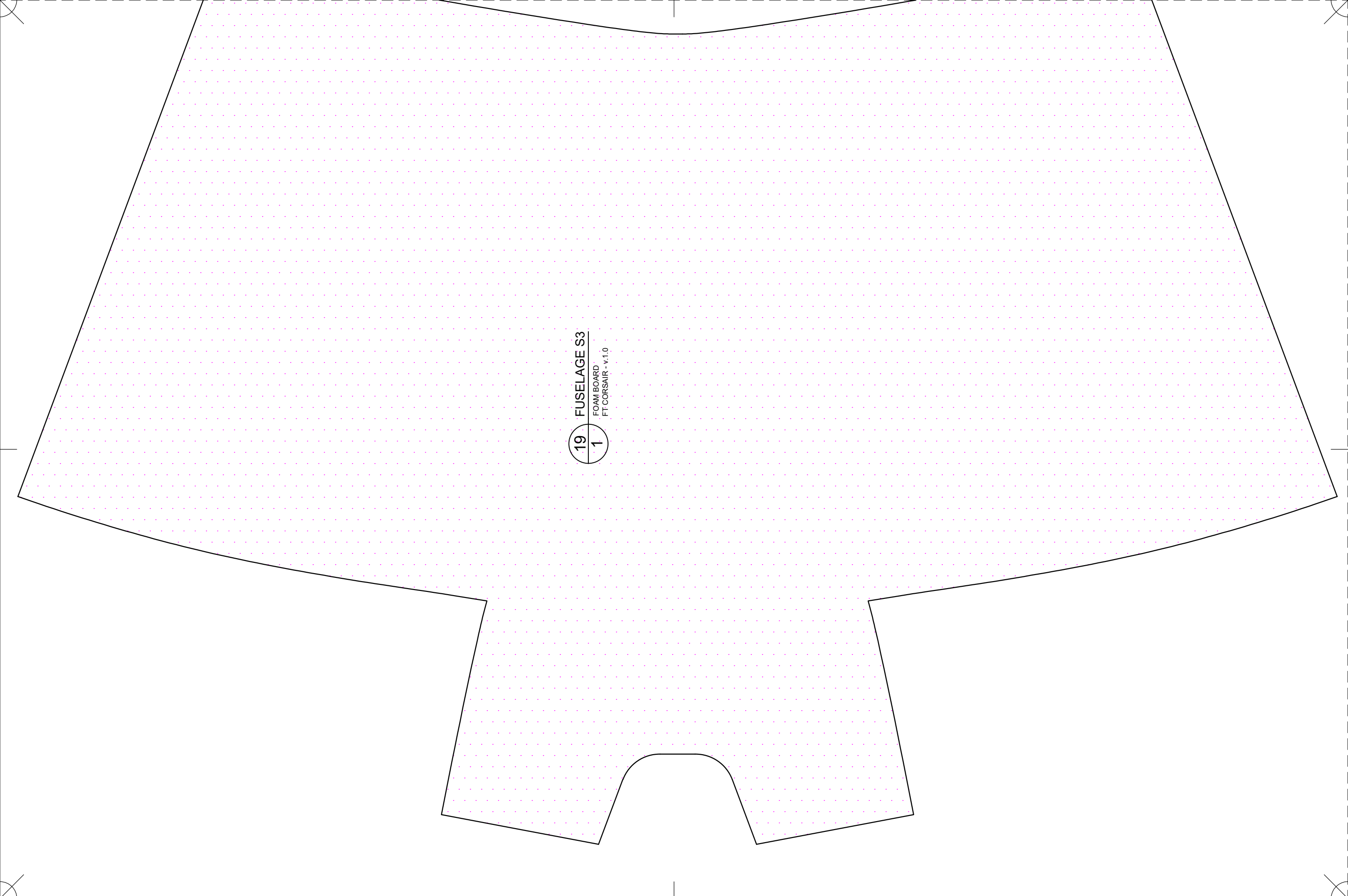
45° SINGLE BEVEL



45° SING

21  
1  
FUSELAGE S4  
FOAM BOARD  
FT CORSAIR - v.1.0

B



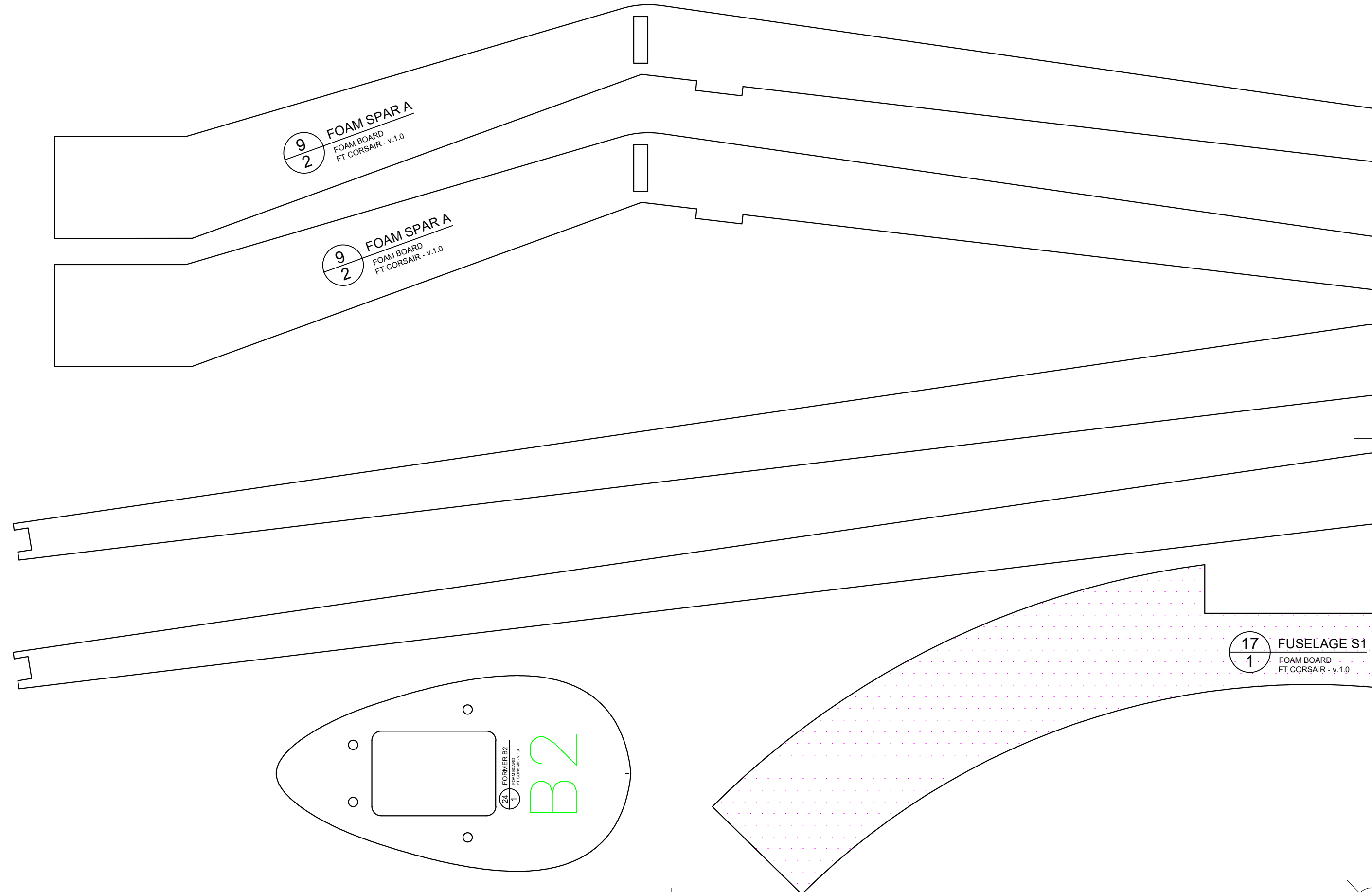
19 FUSELAGE S3  
1 FOAM BOARD  
FT CORSAIR - v.1.0

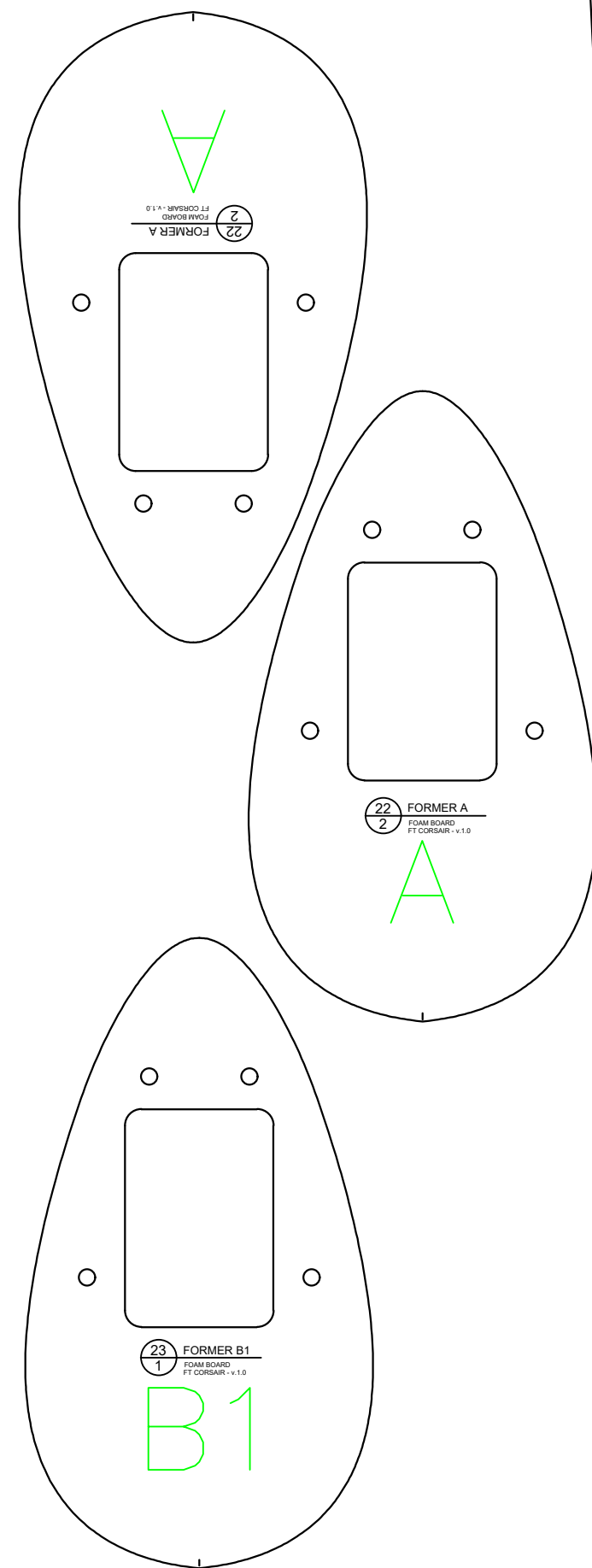
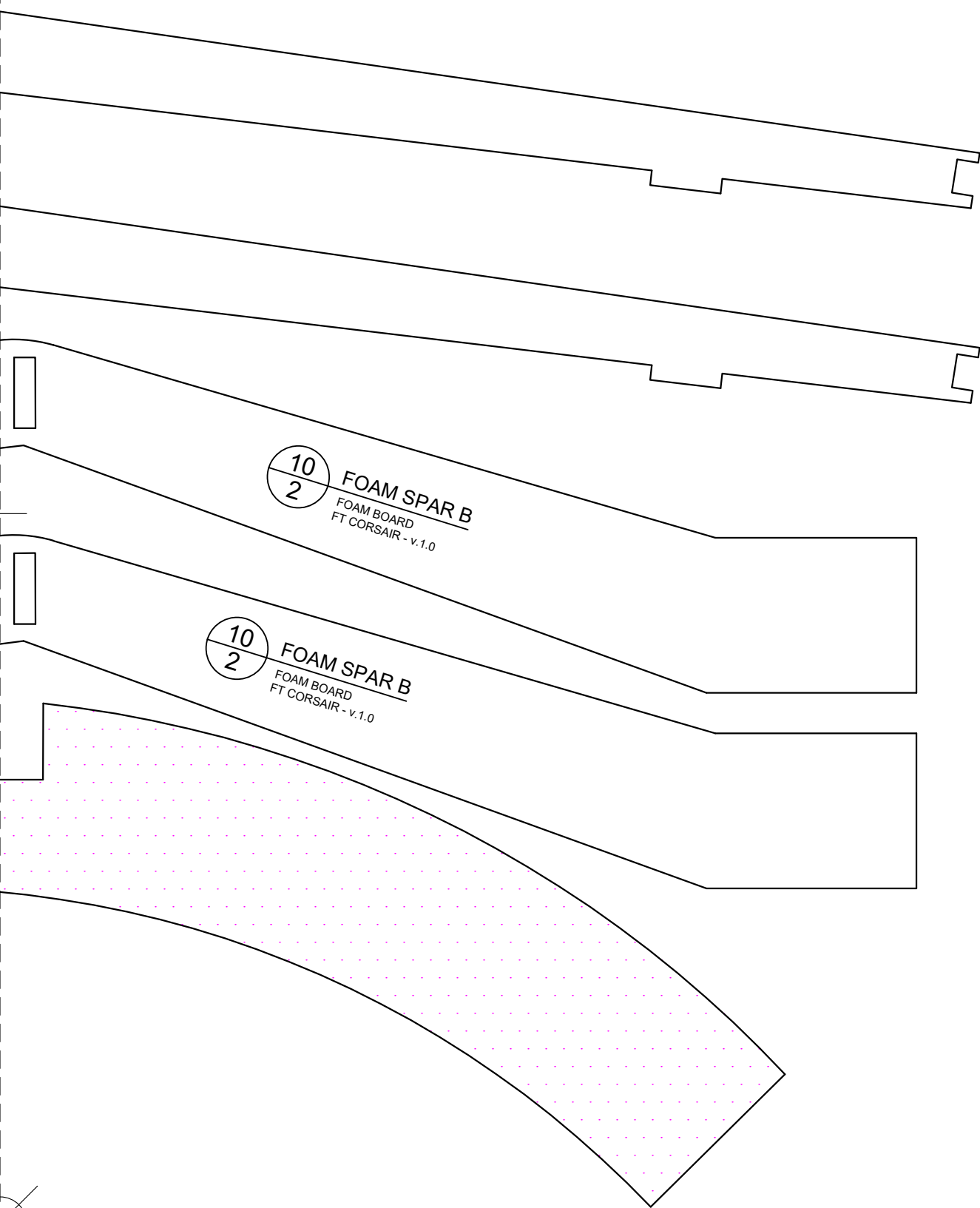
2  
1

WING PANEL LT2  
FOAM BOARD  
FT CORSAIR - v.1.0

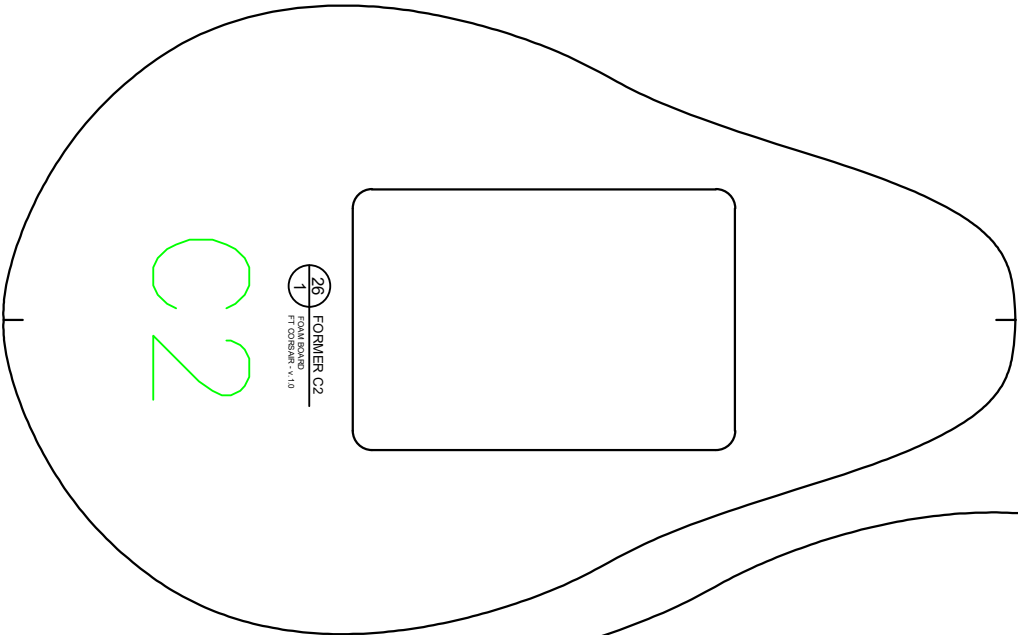
5  
1

WING PANEL RT2  
FOAM BOARD  
FT CORSAIR - v.1.0

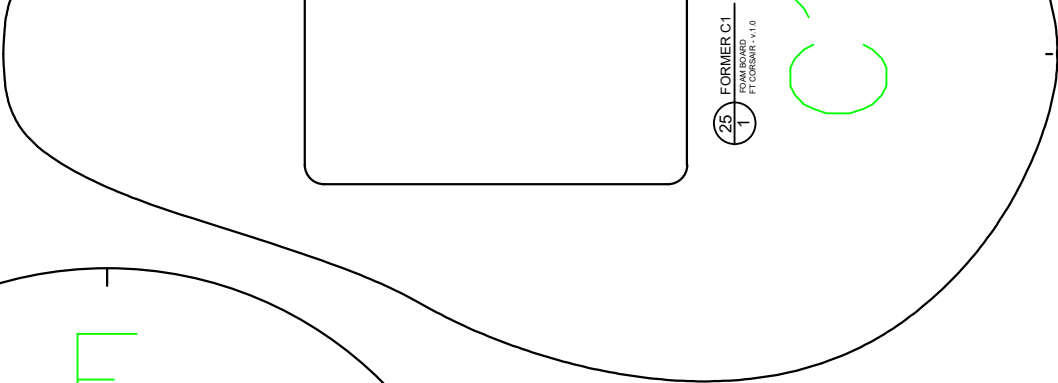




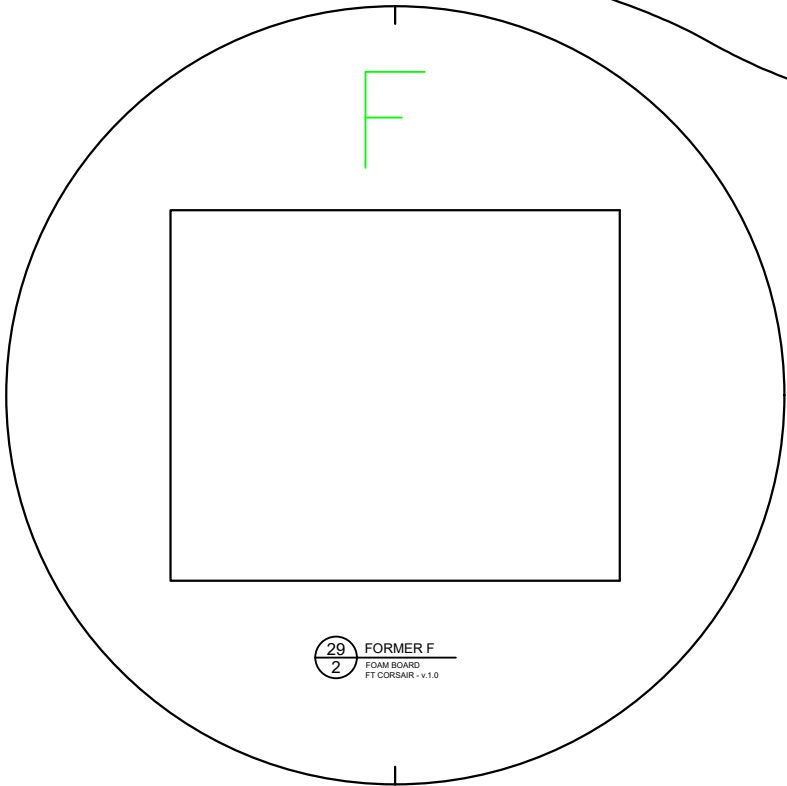




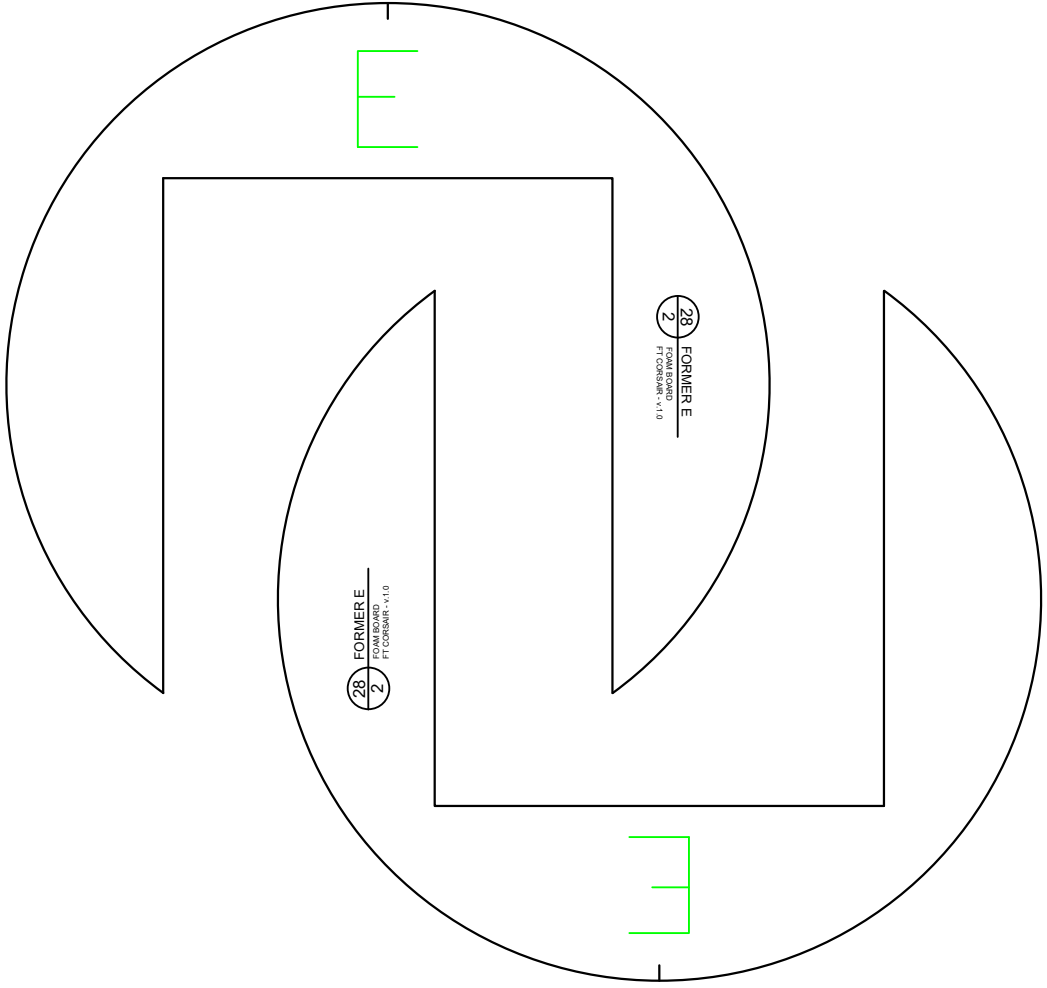
26 FORMER C2  
FOAM BOARD  
FT CORSAIR - v.1.0



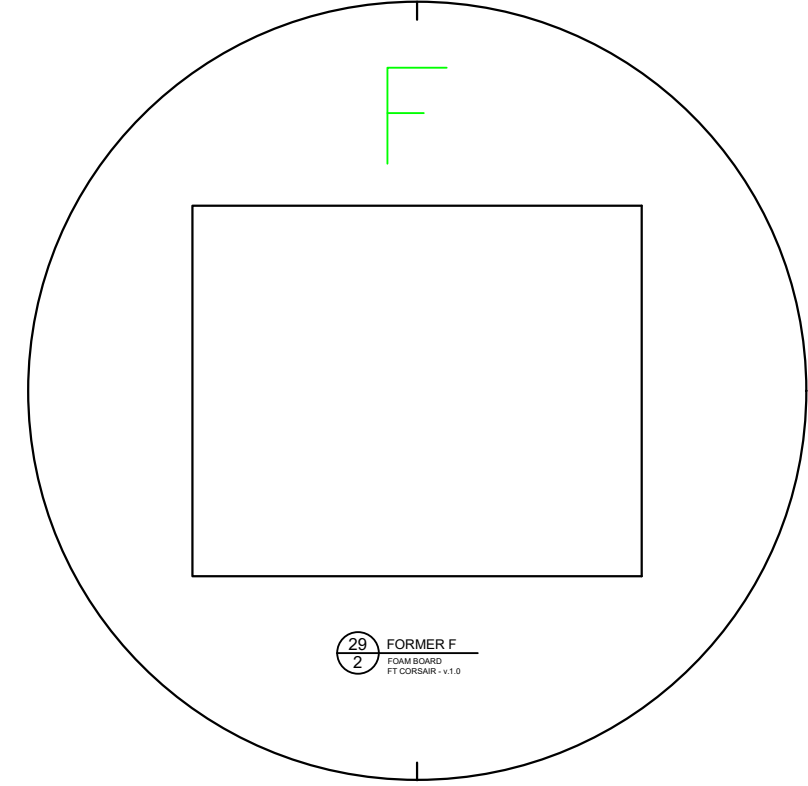
25 FORMER C1  
FOAM BOARD  
FT CORSAIR - v.1.0



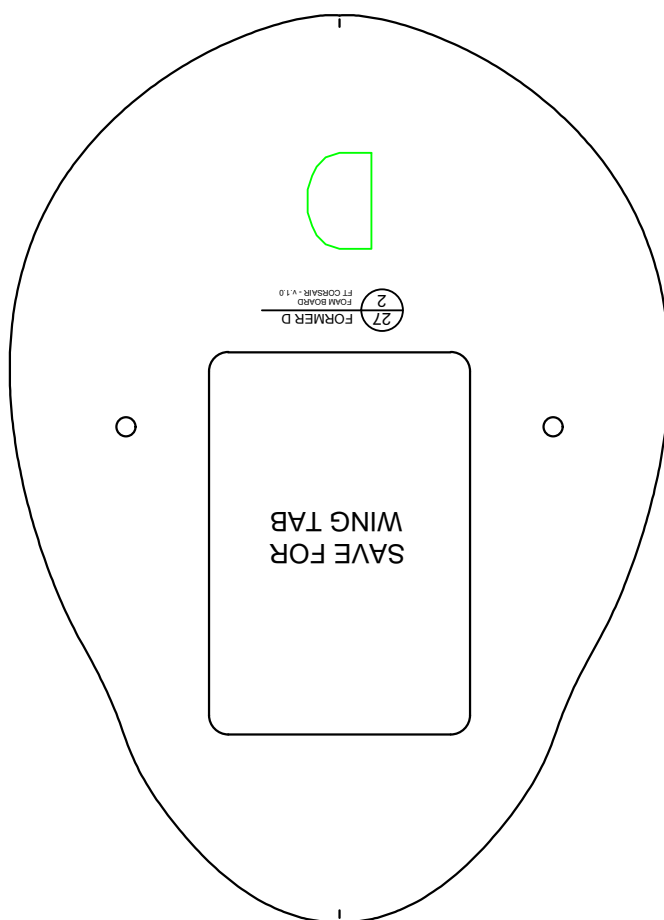
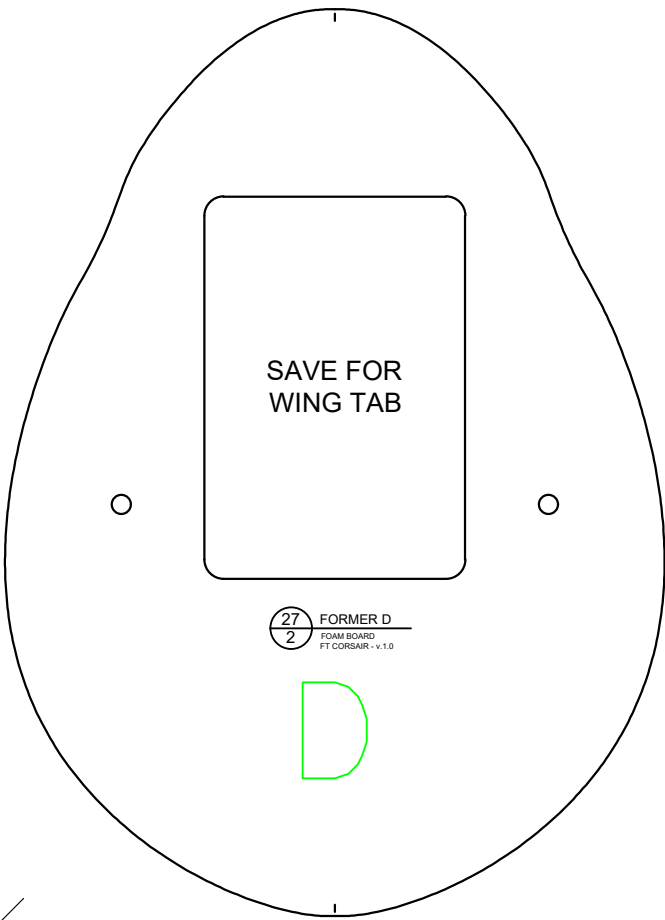
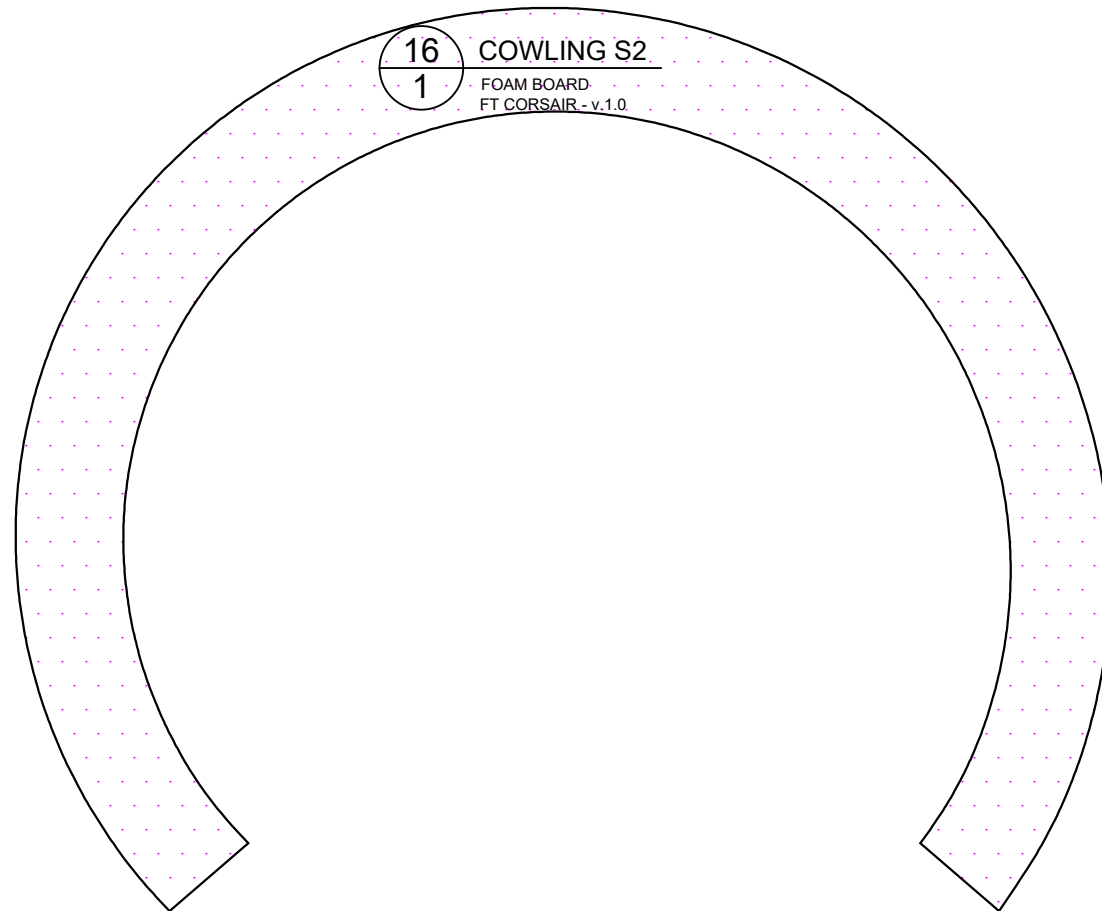
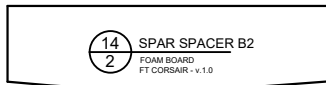
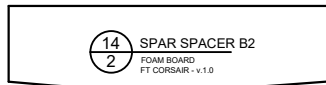
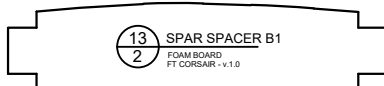
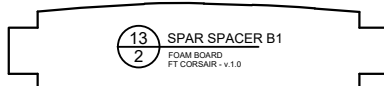
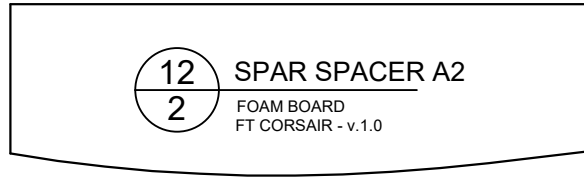
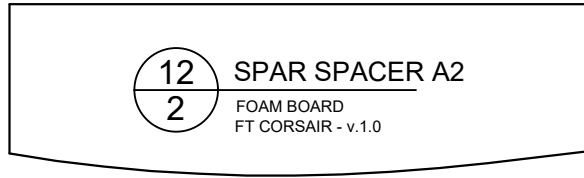
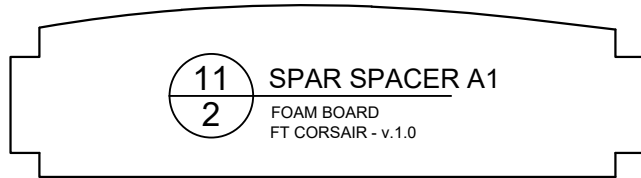
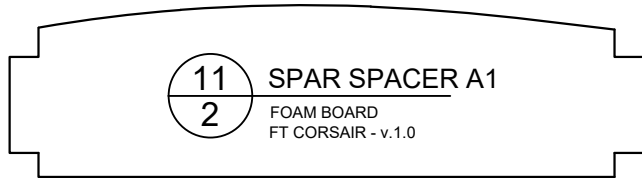
29 FORMER F  
FOAM BOARD  
FT CORSAIR - v.1.0

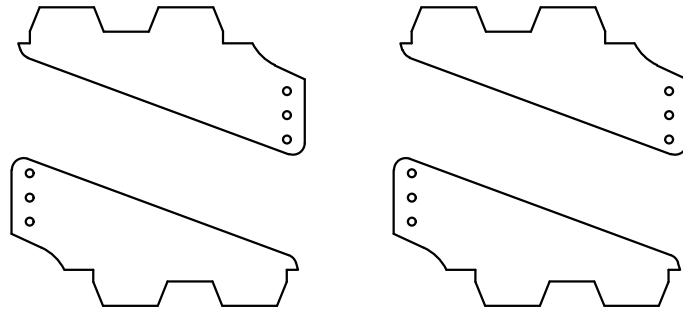


28 FORMER E  
FOAM BOARD  
FT CORSAIR - v.1.0



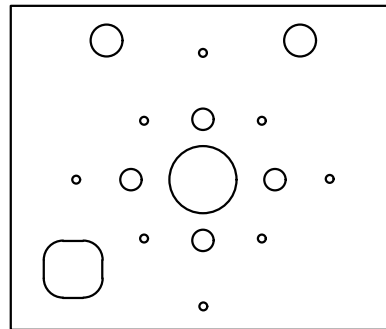
29 FORMER F  
FOAM BOARD  
FT CORSAIR - v.1.0



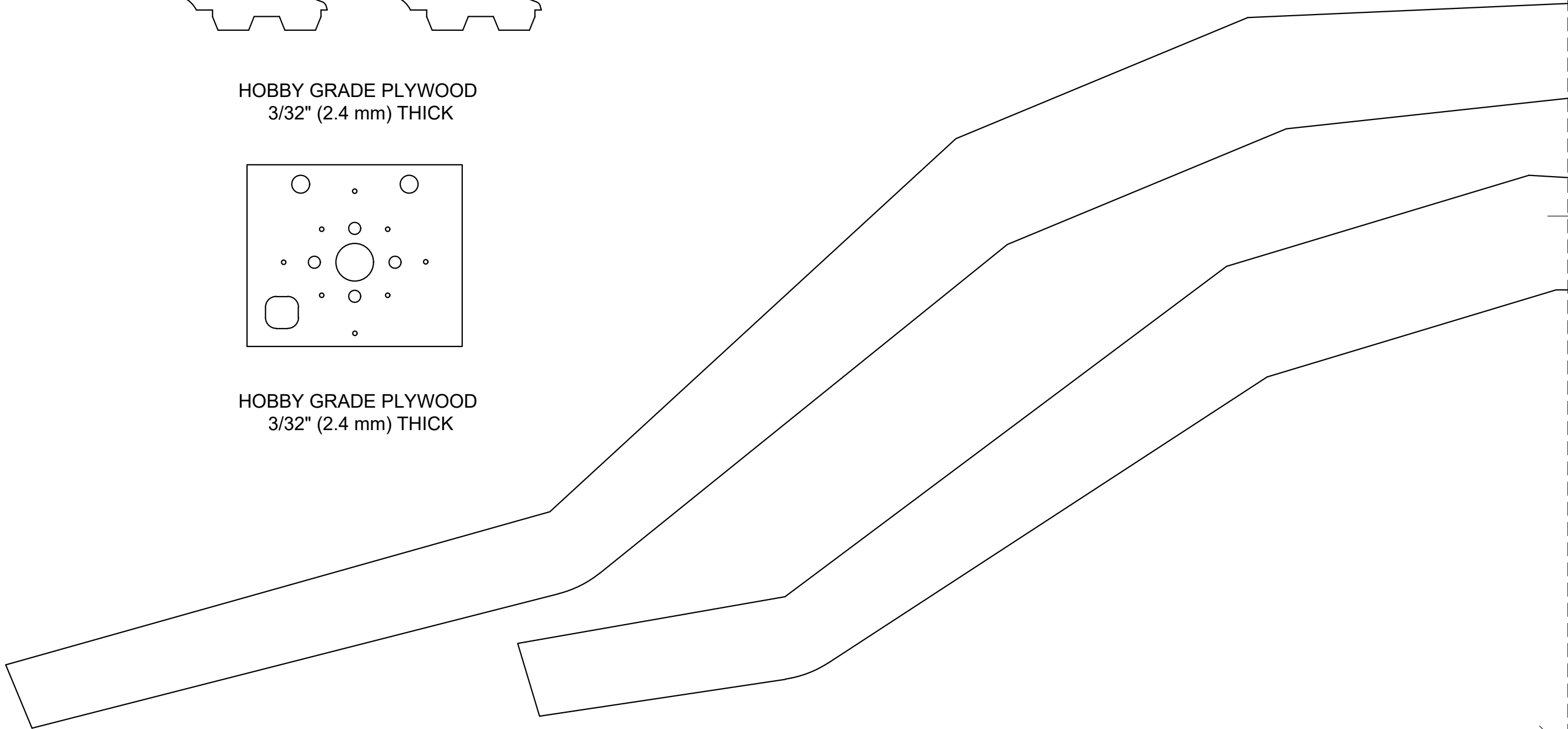


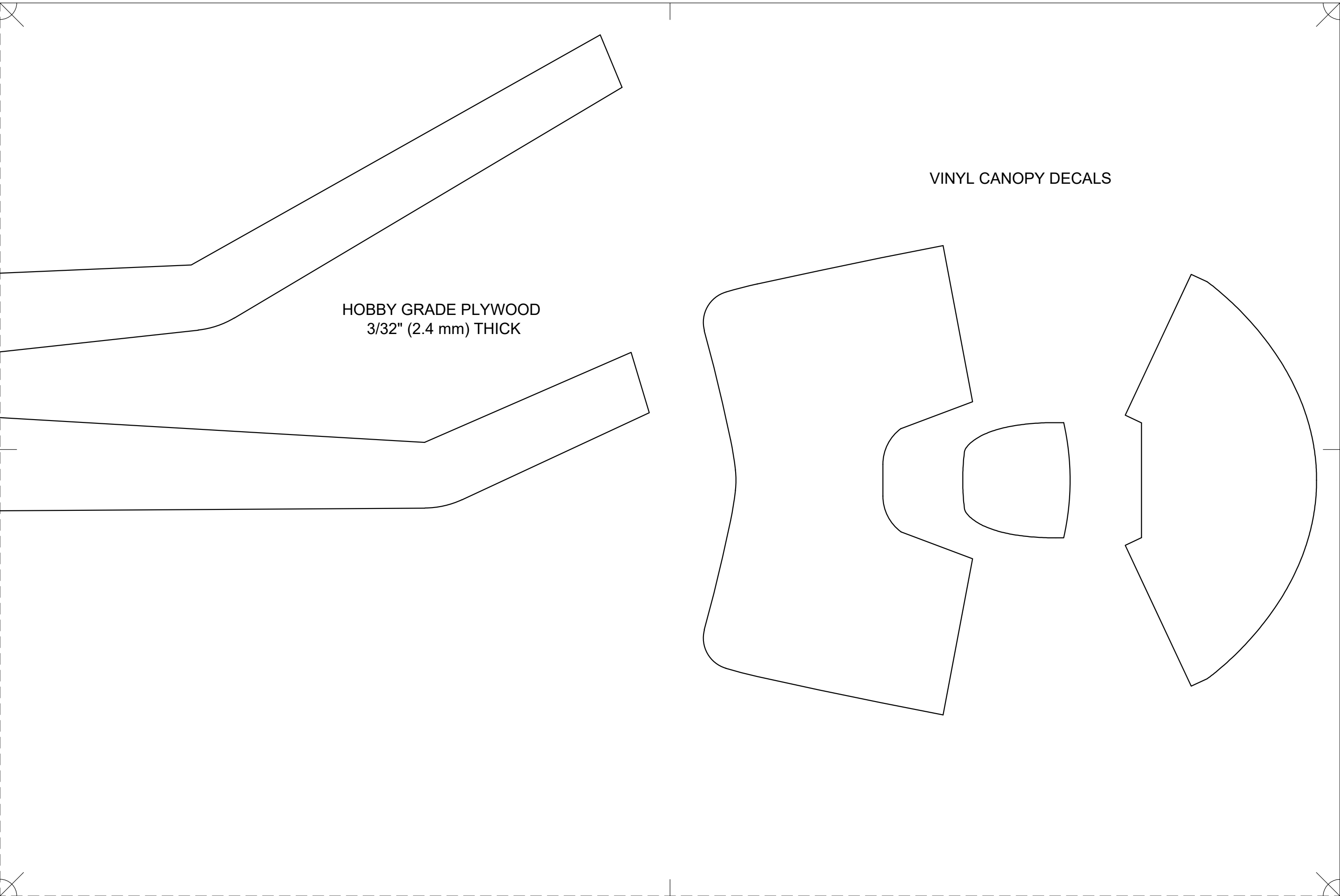
HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK



HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK





HOBBY GRADE PLYWOOD  
3/32" (2.4 mm) THICK

VINYL CANOPY DECALS